Micro Informatique Standards AMSTRAD

CPC infos



SILMARILS VOUS OFFRE LE 2éme NIVEAU DE XYPHOES



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SOMMAIRE

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La Haie de Pan – 35170 BRUZ
Tél : 99.52.98.11 – Télécopie : 99.52.78.57
Serveurs : 3615 ARCADES et 3615 MHZ
Terminal NMPP E83
Gérant, directeur de publication
Sylvio FAUREZ

REDACTION

Rédacteur spécialisé
Olivier SAOLETTI
Secrétaire
Catherine FAUREZ

Ont collaboré à ce numéro :
Yannick GOUR,
Claude LE MOULLEC,
P. POCHON

FABRICATION

Directeur de fabrication
Edmond COUDERT
Maquettiste
Jean-Luc AULNETTE

ABONNEMENTS

Nathalie FAUREZ – Tél. : 99.52.98.11

PUBLICITE

IZARD Création
15, rue St-Melaine
35000 RENNES – Tél. 99.38.95.33

GESTION RESEAU : NMPP

SORACOM E. COUDERT
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SOCIETE MAYENNAISE D'IMPRESSION 53100 MAYENNE

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chronique du TELECHARGEMENT

Après quelques absences, voici la réapparition quasi-divine de la rubrique du téléchargement. Il est en effet nécessaire de faire le point concernant les programmes à télécharger.

Tout d'abord, les problèmes qui nous ont été signalés seront rapidement corrigés. Ainsi, quelques programmes annoncés dans un numéro antérieur ne sont pas apparus sur le serveur ! (Basic + par exemple).

D'autre part, je rappelle que les fichiers BZS et tous ceux comprenant un «Z» dans le nom d'extension sont compactés et ne peuvent donc pas être exécutés directement. Il faut utiliser le programme CRUNCH 20.COM se trouvant dans la rubrique utilitaire. Pour plus de détails, voir le numéro 36 de CPC Infos. Il y aura sans doute également une page explicative dans le menu du serveur.

Les nouveaux programmes correspondent aux numéros 35, 36, 37 et 38 de CPC Infos. Voici donc dans un ordre totalement aléatoire les merveilles que vous pourrez vous procurer.

Format+ autorise des formatages un peu différents de ce que vous propose l'Amsdos. Ce programme est à utiliser avec le suivant.

Mapformat est un programme permettant de définir différents formats pour vos disques, dont des formats spéciaux.

Le partenaire privilégié du programme précédent est Transfil. Ce programme a posé de nombreux problèmes car il n'était pas compatible avec les 6128. Heureusement, la version 2.0, publié dans ce numéro, sera disponible sur le serveur. Transfil permet un transfert aisé des fichiers provenant de formats divers. en fait ces trois programmes constituent une solution complète de gestion des formats exotiques. Si le temps le permet, il y aura en prime, les fichiers sources et les articles correspondants.

Loto sportif sera utilisé par les joueurs invétérés afin de produire les grilles du célèbre jeu. Avec un peu de chance vous pourrez peut-être même toucher le pactole.

OGTI est un ensemble de petites routines, destinées à travailler des images dans tous les modes du CPC. Vous pourrez effacer les points parasites des images numérisées, réduire la taille des écrans ou changer les couleurs.

Chéops n'est pas un utilitaire à proprement parler mais vous serez certainement intéressé par la transformation de votre prénom en hiéroglyphes égyptiens.

Pour ne pas quitter les écritures exotiques, Ecriture Arabe, transforme votre CPC en machine à écrire arabe. Caractères redéfinis et hardcopy d'écran sont au programme.

Explorer vous livrera des «cartes» détaillées de vos programmes Basic : emplacement des GOTO, des GOSUB, des RSX et de certains mot-clés.

Les jeux sont les plus nombreux : Troll, Swaplax, Ghostbusters III, Flyball, Space Ship Spy, 3 Oeufs, Jeu des petits chevaux, Actref. Il y en a pour tous les goûts : action, réflexion, jeu de société.

Pour la bonne bouche, voici Xyphoes Fantasy ou plutôt le second niveau de ce jeu vendu par Silmarils. Vous pourrez ainsi essayer, écouter et vous faire une opinion. Il est plus que probable que cette version «démo» soit compactée avec CRUNCH20.

Une autre version démo d'un logiciel sera placée sur le téléchargement, il s'agit de Sillytape. Vous ne le trouverez pas dans le commerce mais vous pourrez vous le procurer (moyennant finances) à l'adresse indiquée dans la notice. Sillytape permet entre autres d'échantillonner du son, de le traiter (écho, boucles, variation de volume) tout cela à partir d'un tableau de bord très complet.
Un exemple de musique est fourni avec le logiciel. Là aussi, vous devrez avoir recours à CRUNCH20 pour décompacter les fichiers.

Olivier SAOLETTI





DATALOAD

Jean-Marc VINCENT

Valable pour CPC 464 – 6128

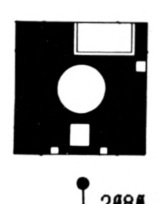
Voici un petit programme qui va faciliter la vie de beaucoup de lecteurs. En effet, nombre de programmes publiés dans nos pages sont très intéressants mais leur utilisation nécessite des heures de travail ininterrompus devant votre CPC pour saisir les dizaines de pages de DATAs.

Ce programme vous permet maintenant de charger les lignes de DATAs dans un fichier ASCII et de s'arrêter à tout moment. Ainsi le fichier de DATAs original pourra être reconstitué en utilisant les commandes LOAD pour le premier fichier, MERGE pour les suivants et enfin SAVE pour le sauvegarder.

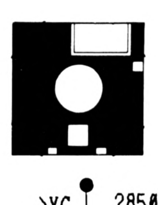
FONCTIONNEMENT
DU PROGRAMME

- Le programme demande sur quel support (cassette ou disquette) doit se trouver le fichier.
- S'il s'agit de la cassette, le programme demande s'il est besoin d'initialiser les commandes cassette (TAPE : dans le cas d'un 464 avec DDI-1 ou 6128 avec cassette).
- S'il s'agit de la disquette, le programme affiche la liste de tous les fichiers de type ASCII (*.asc).
- Le programme demande ensuite le nom du fichier en sortie.
- Ensuite on demande le numéro de ligne de départ et l'incrément pour les lignes suivantes.
- Puis le nombre de DATAs par ligne.
- Ensuite si le signe "&" est utilisé ou non.
- Le programme demande alors la longueur de la chaîne somme. Si RETURN pas de somme en fin de ligne sinon le programme propose le choix de la formule de calcul pour cette somme. (Il est d'ailleurs possible d'en ajouter facilement de nouvelles. c.f ligne 2350 à 2470).
- Et si cette somme doit être réinitialisée à chaque ligne.
- On peut alors entrer les DATAs. Il faut taper RETURN après chaque DATA. La touche DEL peut être utilisée en cas d'erreur.
- A la fin de la ligne, si besoin est, on entre la somme de contrôle (le programme l'ayant calculé lui-même tout au long de la ligne). Ici aussi on peut utiliser la touche DEL.
- Si il y a erreur sur la somme le programme propose de recommencer en effaçant la ligne ou de corriger en passant sur chaque DATA ainsi que sur la somme.
- Si la somme est correcte le programme propose de continuer ou de terminer.

```
1000 '                                                  >XD
1010 ' #######################                          >XE
1020 ' #                     #                          >XF
1030 ' # Chargement de DATAs #                          >XG
1040 ' #   CPC 464/664/6128  #                          >XH
1050 ' #   +---------------+ #                          >XJ
1060 ' #   ù Version 1.0.0 ù #                          >XK
1070 ' #   +---------------+ #                          >YA
1080 ' #                     #                          >YB
1090 ' #######################                          >YC
1100 '                                                  >XE
1110 ' (c) J-M. VINCENT Fevrier 1990                    >XF
1680 '                                                  >YH
1690 KEY DEF 66,0,0,0,0:POKE &BDEE,&C9 ' Annule BREAK & >DU
CTRL+SHIFT+ESC
1700 MODE 2:ON BREAK GOSUB 3180:ON ERROR GOTO 3230      >TA
1710 '                                                  >YB
1720 ' Initialisation des variables pour le chargement  >YC
```



```
des DATAs
1730 ' ----------------------------------------------- >YD
---------
1740 '                                                 >YE
1750 WINDOW #1,1,80,1,24:CLS #1:WINDOW #2,1,80,25,25:CL >BL
S #2
1760 PRINT #1,CHR$(24);SPACE$(14);"Utilitaire de charge >CT
ment de datas dans un programme.";SPACE$(14);CHR$(24);
1770 PRINT #2,"Cassette ou Disquette (C/D) ? ";CHR$(24) >LF
;" ";CHR$(24);CHR$(8);
1780 inpval$="":WHILE inpval$="":inpval$=UPPER$(INKEY$) >UE
:WEND:CLS #2
1790 IF inpval$="C" THEN support$="cassette":GOTO 1820  >CC
1800 IF inpval$<>"D" THEN PRINT CHR$(7);:GOTO 1770      >TU
1810 support$="disquette"                               >ZY
1820 CLS #2:PRINT #2,"Appuyer sur n'importe quelle touc >WM
he lorsque vous aurez inserer une ";support$;
1830 inpval$="":WHILE inpval$="":inpval$=UPPER$(INKEY$) >UA
:WEND:CLS #2
1840 IF support$="disquette" THEN ùDIR,"*.asc":GOTO 189 >GM
0
1850 CLS #2:PRINT #2,"Avez-vous besoin d'initialiser le >WK
s commandes cassette (ùTAPE) (O/N) ? ";:GOSUB 2850
1860 IF inpval$="O" THEN ùTAPE                          >YR
1870 CLS #2:PRINT #2,"Press REC and PLAY then any key:  >BX
";CHR$(24);" ";CHR$(24);CHR$(8);
1880 inpval$="":WHILE inpval$="":inpval$=UPPER$(INKEY$) >UF
:WEND:CLS #2
1890 INPUT #2,"Quel fichier voulez-vous creer (le type  >MC
'.asc' est implicite) ";file$
1900 IF file$="" OR LEN(file$)>8 THEN PRINT CHR$(7);:CL >PN
S #2:GOTO 1890
1910 CLS #2:PRINT #2,"A quel numero de ligne voulez-vou >ED
s commencer ? ";:ca%=2:leninp%=5:GOSUB 2940
1920 nl%=VAL(valinp$)                                   >QR
1930 CLS #2:PRINT #2,"Quel increment voulez-vous utilis >NB
er ? ";:ca%=2:leninp%=5:GOSUB 2940
1940 inc%=VAL(valinp$)                                  >RD
1950 CLS #2:INPUT #2,"Nombre de datas par ligne ";ndatl >KF
%
1960 IF ndatl%=0 THEN PRINT CHR$(7);:GOTO 1950          >NM
1970 CLS #2:PRINT #2,"Utilisez-vous le signe '&' pour l >DK
es datas (O/N) ? ";CHR$(24);" ";CHR$(24);CHR$(8);:GOSUB
 2850
1980 IF inpval$="O" THEN amp%=1 ELSE amp%=0             >KM
1990 CLS #2:INPUT #2,"Longueur de la chaine 'somme' en  >RE
fin de ligne ";lsum%
2000 IF lsum%<>0 THEN GOSUB 2390:CLS #2:PRINT #2,"Doit- >ZD
on remettre a zero la chaine 'somme' au debut de chaque
 ligne (O/N) ? ";CHR$(24);" ";CHR$(24);CHR$(8);:GOSUB 2
850:IF inpval$="O" THEN csum%=1 ELSE csum%=0:IF inpval$
="O" THEN csum%=1 ELSE GOSUB 4000
2010 '                                                  >XF
2020 ' Ouverture du fichier choisi precedemment         >XG
2030 ' ---------------------------------------------    >XH
2040 '                                                  >XJ
2050 CLS #1:CLS #2                                      >LW
2060 DIM valdat(ndatl%)                                 >TP
2070 OPENOUT "!"+file$+".asc"                           >YJ
2080 '                                                  >YC
2090 ' Entree des DATAs, de la somme et verification    >YD
2100 ' ---------------------------------------------    >XF
2110 '                                                  >XG
2120 correct%=0:GOSUB 2520                              >VU
2130 '                                                  >XJ
2140 ' Ecriture dans le fichier choisi precedemment     >XK
2150 ' --------------------------------------------     >YA
2160 '                                                  >YB
2170 PRINT #9,RIGHT$(STR$(nl%),LEN(STR$(nl%))-1);" DATA >EU
 ";
2180 FOR i%=0 TO ndatl%-1                               >RG
2190 IF amp%=1 THEN PRINT #9,"&";                       >ZE
2200 PRINT #9,MID$("00",1,2-LEN(HEX$(valdat(i%))));HEX$ >RF
(valdat(i%));
2210 IF i%<>ndatl%-1 THEN PRINT #9,","; ELSE IF lsum%<> >NZ
0 THEN PRINT #9,","; ELSE PRINT #9
2220 NEXT i%                                            >AA
2230 IF lsum%=0 THEN GOTO 2300                          >XM
2240 IF amp%=1 THEN PRINT #9,"&";                       >ZA
2250 PRINT #9,MID$(STRING$(lsum%,"0"),1,LEN(STRING$(lsu >ML
m%,"0"))-LEN(HEX$(valsum)));HEX$(valsum)
2260 '                                                  >YC
2270 ' Test pour continuer ou sortir                    >YD
2280 ' -----------------------------                    >YE
2290 '                                                  >YF
2300 PRINT #2,CHR$(24);" Appuyer sur <F> pour sortir ou >QH
 une autre touche pour continuer. ";CHR$(24);
2310 inpval$="":WHILE inpval$="":inpval$=UPPER$(INKEY$) >KW
:WEND
2320 CLS #2:IF inpval$="F" THEN CLOSEOUT:WINDOW 1,80,1, >MM
25:CLS:KEY DEF 66,0,&FC,&FC,&FC:POKE &BDEE,&C3:LOCATE 1
,1:PRINT "Vous pouvez charger votre fichier en tapant :
":PRINT:PRINT "LOAD ";CHR$(34);UPPER$(file$);".ASC";CHR
$(34):PRINT:END
2330 nl%=nl%+inc%                                       >LX
2340 GOTO 2120                                          >MB
2350 '                                                  >YC
2360 ' Sous-programme du choix de la formule de calcul  >YD
de la somme
2370 ' ------------------------------------------------ >YE
-----------
2380 '                                                  >YF
2390 CLS #2:PRINT #2,"Utilisez-vous cette formule de ca >JE
lcul (O/N) : TOT=TOT+PEEK(AD) ? ";:GOSUB 2850:IF inpval
$="O" THEN DEF FN sum=sum+valdat(i%):RETURN
2400 CLS #2:PRINT #2,"Utilisez-vous cette formule de ca >WJ
lcul (O/N) : S=S+K+65536*(S+K>32767) ? ";:GOSUB 2850:IF
 inpval$="O" THEN DEF FN sum=sum+valdat(i%)+65536*(sum+
valdat(i%)>32767):RETURN
2410 CLS #2:PRINT #2,"Utilisez-vous cette formule de ca >QY
lcul (O/N) : som=som+a*j ? ";:GOSUB 2850:IF inpval$="O"
 THEN DEF FN sum=sum+valdat(i%)*(i%+1):RETURN
2420 '                                                  >YA
2430 ' Formule de calcul suivante                       >YB
2440 '         ..........                               >YC
2450 ' Derniere formule de calcul                       >YD
2460 '                                                  >YE
2470 PRINT CHR$(7);:GOTO 2390                           >XC
```



```
2480 '                                                   >YG
2490 ' Sous-programme d'entree et de verification des D >YH
ATAs
2500 ' --------------------------------------------- >XK
----
2510 '                                                   >YA
2520 inpsum%=0:IF correct%=0 THEN savsum=sum ELSE sum=s >KW
avsum
2530 posxl%=POS(#1):posyl%=VPOS(#1):IF csum%=1 THEN sum >DE
=0
2540 PRINT #1,RIGHT$(STR$(nl%),LEN(STR$(nl%))-1);" DATA >EL
 ";
2550 FOR i%=0 TO ndatl%-1                            >RH
2560 IF amp%=1 THEN PRINT #1,"&";                    >YF
2570 posxd%=POS(#1):posyd%=VPOS(#1):ca%=1:leninp%=2:IF >QK
correct%=0 THEN GOSUB 2940 ELSE valinp$=HEX$(valdat(i%)
,leninp%):PRINT #ca%,valinp$;:GOSUB 2950
2580 valdat(i%)=VAL("&"+valinp$)                     >AJ
2590 IF LEN(valinp$)<=2 THEN LOCATE #1,posxd%,posyd%:PR >UP
INT #1,HEX$(valdat(i%),2); ELSE PRINT CHR$(7);:LOCATE #
1,posxd%,posyd%:PRINT #1,SPACE$(LEN(HEX$(valdat(i%),2))
));:LOCATE #1,posxd%,posyd%:GOTO 2570
2600 IF i%<>ndatl%-1 THEN PRINT #1,","; ELSE IF lsum%<> >NB
0 THEN PRINT #1,","; ELSE PRINT #1
2610 IF lsum%<>0 THEN sum=FN sum                     >AY
2620 NEXT i%                                         >AE
2630 '                                               >YD
2640 ' Entree de la somme (si besoin)                >YE
2650 ' ------------------------------                >YF
2660 '                                               >YG
2670 inpsum%=1:IF lsum%=0 THEN RETURN                >GE
2680 IF amp%=1 THEN PRINT #1,"&";                    >ZA
2690 posxd%=POS(#1):posyd%=VPOS(#1):ca%=1:leninp%=lsum% >RL
:IF correct%=0 THEN GOSUB 2940 ELSE valinp$=HEX$(valsum
,leninp%):PRINT #ca%,valinp$;:GOSUB 2950
2700 valsum=VAL("&"+valinp$)                         >XU
2710 IF LEN(valinp$)<=lsum% THEN LOCATE #1,posxd%,posyd >DD
%:PRINT #1,HEX$(valsum,lsum%) ELSE PRINT CHR$(7);:LOCAT
E #1,posxd%,posyd%:PRINT #1,SPACE$(LEN(HEX$(valsum,lsum
%)));:LOCATE #1,posxd%,posyd%:GOTO 2690
2720 '                                               >YD
2730 ' Verification de la somme (si besoin)          >YE
2740 ' ------------------------------------          >YF
2750 '                                               >YG
2760 IF valsum=sum THEN RETURN                       >AX
2770 PRINT #2,CHR$(24);" Erreur dans les datas. Appuyer >QR
 sur <R> pour recommencer ou <C> pour corriger. ";CHR$(
24);:correct%=0
2780 inpval$="":WHILE inpval$="":inpval$=UPPER$(INKEY$) >KH
:WEND
2790 IF inpval$="R" THEN CLS #2:LOCATE #1,posxl%,posyl% >GX
:PRINT #1,SPACE$(80);:LOCATE #1,posxl%,posyl%:sum=savsu
m:GOTO 2520
2800 IF inpval$="C" THEN correct%=1:LOCATE #1,posxl%,po >MK
syl%:GOTO 2520 ELSE PRINT CHR$(7);:GOTO 2770
2810 '                                               >YD
2820 ' Sous-programme d'entree O (oui) / N (non)     >YE
2830 ' -----------------------------------------     >YF
2840 '                                               >YG
2850 PRINT #2,CHR$(24);" ";CHR$(24);CHR$(8);         >LU
2860 inpval$=UPPER$(INKEY$):IF inpval$="" THEN 2860  >WK
2870 IF inpval$<>"O" AND inpval$<>"N" THEN PRINT CHR$(7 >NZ
);:GOTO 2860
2880 PRINT #2,inpval$;CHR$(24);" ";CHR$(24);CHR$(8); >WR
2890 RETURN                                          >GC
2900 '                                               >YD
2910 ' Sous-programme d'entree de caracteres hexadecima >YE
ux et de controle
2920 ' --------------------------------------------- >YF
-----------------
2930 '                                               >YG
2940 valinp$=""                                      >CF
2950 inpval$=""                                      >CG
2960 WHILE inpval$<>CHR$(13)                         >XH
2970 IF correct%=0 THEN PRINT #ca%,CHR$(24);" ";CHR$(24 >BB
);
2980 IF correct%=1 AND inpsum%=0 THEN PRINT #ca%,CHR$(2 >UY
4);",";CHR$(24);
2990 IF correct%=1 AND inpsum%=1 THEN PRINT #ca%,CHR$(2 >UM
4);" ";CHR$(24);
3000 inpval$=UPPER$(INKEY$):IF inpval$="" THEN 3000  >WG
3010 IF ASC(inpval$)=0 THEN 3000      ' Touche BREAK >ZA
3020 IF inpval$=CHR$(13) THEN 3100   ' Touche RETURN >AP
3030 IF inpval$<>CHR$(127) THEN 3070 ' Touche DEL    >CC
3040 IF LEN(valinp$)=0 THEN PRINT CHR$(7);:inpval$="":G >KH
OTO 3000
3050 valinp$=MID$(valinp$,1,LEN(valinp$)-1)          >NJ
3060 PRINT #ca%,CHR$(8);CHR$(8);"  ";CHR$(8);CHR$(8);:i >ZA
npval$="":GOTO 2970
3070 IF LEN(valinp$)=leninp% THEN PRINT CHR$(7);:inpval >UF
$="":GOTO 3000
3080 IF (inpval$>="0" AND inpval$<="9") OR (inpval$>="A >AE
" AND inpval$<="F") THEN PRINT #ca%,CHR$(8);" ";CHR$(8)
;inpval$; ELSE PRINT CHR$(7);:GOTO 3000
3090 valinp$=valinp$+inpval$                         >YZ
3100 IF LEN(valinp$)=0 THEN PRINT CHR$(7);:inpval$="":G >KE
OTO 3000
3110 WEND                                            >HK
3120 PRINT #ca%,CHR$(8);"  ";CHR$(8);                >DE
3130 RETURN                                          >FA
3140 '                                               >YA
3150 ' Sous-programme de traitement du BREAK         >YB
3160 ' -------------------------------------         >YC
3170 '                                               >YD
3180 CLOSEOUT:WINDOW 1,80,1,25:LOCATE 1,25:PRINT SPACE$ >LF
(80);:LOCATE 1,24:GOTO 3260
3190 '                                               >YF
3200 ' Sous-programme de traitement des erreurs      >XH
3210 ' ----------------------------------------      >XJ
3220 '                                               >XK
3230 CLOSEOUT:WINDOW 1,80,1,25:CLS                   >DW
3240 PRINT "Erreur #";ERR;"a la ligne #";ERL         >UB
3250 RESUME 3260                                     >GK
3260 END                                             >YK
4000 CLS#2:INPUT#2,"Valeur de la derniere 'somme' de co >HR
ntrole en fin de ligne ";s$
4010 sum=VAL("&"+s$)                                 >NR
4020 csum%=0:RETURN                                  >PL
```

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CPC Infos 39

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Date ____________ **Signature**

Nom : ____________ **Prénom :** ____________

Adresse : ____________

Code Postal : ____________ **Ville :** ____________

ECRIRE EN MAJUSCULES

Afin de faciliter le traitement des commandes, nous remercions notre aimable clientèle de ne pas agrafer les chèques, et de ne rien inscrire au dos.

Commande : La commande doit comporter tous les renseignements demandés sur le bon de commande (désignation ou référence si celle-ci existe). Toute absence de précisions est sous la responsabilité de l'acheteur. La vente est conclue dès acceptation du bon de commande par notre société, sur les articles disponibles uniquement.
Les prix : Les prix indiqués sont valables du jour de la parution du catalogue jusqu'au mois suivant ou au jour de parution du nouveau catalogue, sauf erreur dans le libellé de nos tarifs au moment de la fabrication du catalogue, et de variation de prix importante des fournisseurs.
Livraison : La livraison intervient après le règlement. Les délais de livraison étant de 10 à 15 jours environ, SORACOM ne pourra être tenue pour responsable des retards dus aux transporteurs ou aux grèves des services postaux.
Transport : La marchandise voyage aux risques et périls du destinataire. La livraison se faisant par colis postal ou par transporteur. Les prix indiqués sur le bon de commande sont valables sur toute la France métropolitaine, + 20 F par article pour Outre-Mer par avion et au-dessus de 5 kg nous nous réservons la possibilité d'ajuster le prix de transport enfonction du coût réel de celui-ci. Pour bénéficier de recours possible nous invitons notre aimable clientèle à opter pour l'envoi en recommandé. A réception des paquets, toute détérioration doit être signalée
Réclamation : Toute réclamation doit intervenir dans les dix jours suivants la réception des marchandises.

TRANSFERT DE FICHIERS ENTRE DES DISQUETTES A FORMATAGE STANDARD OU SPECIAL (II)

Yannick GOUR

Valable pour CPC 464 – 664 – 6128

Le programme proposé est une deuxième version de TRANSFIL, publié dans CPC Infos n°36 de septembre dernier. TRANSFIL V1.0 présentait le fâcheux défaut de ne pas tourner sur 6128. Mea culpa ! L'erreur est réparée et les possesseurs de 6128 pourront enfin faire des transferts entre des disquettes de formatages différents.

MISE EN ŒUVRE

1) Tapez le programme TRANSFIL.BAS et sauvegardez-le au cas où vous ne l'auriez pas encore fait. Il se distingue de celui publié en septembre uniquement par le changement de «TRANSFIL V1.0» en «TRANSFIL V2.0» en ligne 500.

2) Remettez à zéro le CPC, puis tapez le programme CHARGEUR.BAS. Ensuite sauvegardez-le, par prudence, avant de le lancer. Au bout d'une vingtaine de secondes, si tout va bien, le fichier binaire TRANSFIL.COD est sauvegardé. Désolé mais dans ce cas il faut en retaper une bonne part. C'est identique à la version 1.0 jusqu'à la ligne 1470 (30% de listings identiques).

3) Pour travailler vous n'avez plus besoin désormais que des fichiers TRANSFIL.BAS et TRANSFIL.COD, sur une même face de disquette naturellement.

PARTICULARITES DE TRANSFIL V2.0

TRANSFIL V2.0 est identique à son prédecesseur quant à son fonctionnement. Les changements "fondamentaux" sont la taille des fichiers transférables (quoique...) et l'occupation mémoire.

- Buffer de transfert

Il est un peu plus petit que pour TRANSFIL V1.0. Néanmoins tous les fichiers non-ASCII jusqu'à 42 KO seront transférables (42918 octets de buffer). Les fichiers ASCII jusqu'à 40 KO le seront de même. Autant dire que 99.99% des fichiers existant sur CPC seront transférables et que la différence par rapport à la première version est infime.

- Occupation de la mémoire par TRANSFIL V2.0 (binaire)

0000 routine d'affichage d'un texte qui s'achève par un zéro
0006
0007 type du fichier en transfert.
0008 sauts standards en RAM/ROM.
002F
0030 TXT OUTPUT (copie du vecteur en BB5A)
0032.
0033 RAM standard
003F
0040 programme principal de gestion des commandes, de transfert et
02FF d'effaçage avec les messages
0300 BUFFER I/O AAA5

AAA7 adresses pour FAR CALL des RSXs de lecture/écriture de secteur
AAB5 recherche de piste, DIR et ERA
AAB6 Pack des routines de TRANSFIL
ABFB
ABFC 4 octets requis par l'AMSDOS.
ABFF
AC00 début de la RAM du DOS (RAMDOS)
AD64 buffer pour les vecteurs cassette utilisé ici pour stocker les
AD8A LOC,LEN,EXEC, nom et sa longueur de fichiers + chiffres Hexa.

B0FF fin de la RAMDOS.
B100 RAM nécessaire au système d'exploitation.
B8FF.
B900 VECTEURS du système d'exploitation, du BASIC, indirections.
BDF6 du système d'exploitation.
BE00 DPB numéro 1 et DPB numéro 2
BE31
BE32 paramètres pour détermination des lecteur et user source et
BE3F destination et pour le sens de copie.
BE40 RAM strictement réservée à l'AMSDOS (pas touche).
BE7F
BE80 texte du menu
BF41
BF42 RAM affectable par la pile
BFFF
C000 RAM vidéo

FFFF

Par rapport à TRANSFIL V1.0, les zones de vecteurs n'ont pas été recouvertes par des routines ou données. Le plantage sur 6128 (et 664 à coup sûr) venait de la présence en BDF4 d'une indirection liée à la gestion du clavier, ce qui ne pardonnait pas de la remplacer par des données.

CONCLUSION

Cette fois plus de problème, cela tourne ! Puisse TRANSFIL rendre bien des services avec l'aide de FORMAT+ et des quelques petits programmes d'exploitation de formatage spécial présentés dans CPC Infos de juillet. Bons DATA+, DB1-198K, DB2-198K, etc...

TRANSFIL.BAS

```
100 '********************************          >RB
110 '*  TRANSFEREUR de fichiers entre  *        >RC
120 '*  entre tous formats pour CPC.   *        >RD
130 '* copyright  Yannick GOUR (c)1991 *        >RE
140 '********************************          >RF
150 '                                           >RG
160 '                                           >RH
170 '**** INITIALISATIONS ****                  >RJ
180 '                                           >RK
190 CALL &BB00:SYMBOL AFTER 256:MEMORY &9000:LOAD"trans >NT
fil.cod":DEFINT a-z:DIM fmt$(20),nom$(20),dpb(20,25):in
v$=CHR$(24):DEF FN dec(a$)=VAL("&"+a$):DEF FN msb(a)=IN
T(a/256) AND 255:DEF FN lsb(a)=a AND 255
200 '                                           >RC
210 '                                           >RD
220 '**** CREATION DE L'ECRAN ****              >RE
230 '                                           >RF
240 'ecriture des textes                        >RG
250 c=0:GOSUB 660:BORDER 13:INK 0,0:INK 1,26:MODE 2:WHI >FR
LE w<>7:GOSUB 670:WEND:CALL &9F61:CLS#1:READ x,y,a$,a,b
:WHILE a$<>"FIN":LOCATE x,y:PAPER a:PEN b:PRINT a$:READ
 x,y,a$,a,b:WEND
260 '                                           >RJ
270 'lecture des formats                        >RK
280 n=1:READ fmt$(n):WHILE fmt$(n)<>"FIN":l=MAX(l,LEN(f >CP
mt$(n))+2):READ a$:a=FN dec(a$):dpb(n,1)=FN lsb(a):dpb(
n,2)=FN msb(a):FOR j=3 TO 5:READ a$:dpb(n,j)=FN dec(a$)
:NEXT
290 FOR j=6 TO 14 STEP 2:READ a$:a=FN dec(a$):dpb(n,j)= >ZV
FN lsb(a):dpb(n,j+1)=FN msb(a):NEXT:FOR j=16 TO 25:READ
 a$:dpb(n,j)=FN dec(a$):NEXT:n=n+1:READ fmt$(n):WEND:n=
n-1
300 '                                           >RD
310 'affichage du tableau des formats           >RE
320 h=14-n:g=1+(79-(n+1)*(l+1))/2:PAPER 0:PEN 1:FOR i=1 >UC
 TO n:a$=fmt$(i):sp=(l-LEN(a$))/2:nom$(i)=SPACE$(l-LEN(
a$)-sp)+fmt$(i)+SPACE$(sp):LOCATE g+(l+1)*i,h:PRINT nom
$(i):LOCATE g,h+2*i:PRINT nom$(i):NEXT
330 l$=SPACE$(l):FOR i=1 TO n:FOR j=1 TO n:LOCATE g+(l+ >KP
1)*i,h+2*j:PRINT l$:NEXT j,i
340 '                                           >RH
350 'init. de params pour le tableau            >RJ
360 k$="":ch$=CHR$(243)+CHR$(242)+CHR$(241)+CHR$(240)+C >DP
HR$(13):x=0:y=0:LOCATE g,h+2:PRINT inv$;nom$(1);inv$:c=
40:GOSUB 660
370 '                                           >TA
380 '                                           >TB
390 '**** CHOIX ****                            >TC
400 '                                           >RE
410 WHILE k$<>CHR$(13):GOSUB 690                >ZQ
420 FOR i=1 TO 20:k$=INKEY$:NEXT:WHILE k$="":k$=INKEY$: >ZQ
WEND:k=INSTR(ch$,k$):IF k=0 THEN 420 ELSE IF k<>5 THEN
GOSUB 690:IF k=1 THEN x=(x+1) MOD n ELSE IF k=2 THEN x=
(x+n-1) MOD n ELSE IF k=3 THEN y=(y+1) MOD n ELSE y=(y+
n-1) MOD n
430 WEND                                        >CF
440 '                                           >RJ
450 '                                           >RK
460 '**** LANCEMENT DU TRANSFEREUR ***          >TA
470 '                                           >TB
480 'creation de l'ecran                        >TC
490 c=0:GOSUB 660:CLS:FOR i=0 TO 2:READ v,a$:LOCATE 1,v >WR
:PRINT STRING$(80,CHR$(207));inv$:LOCATE 2,v:PRINT a$;i
nv$:CALL &9F84,8,8+8*LEN(a$),(25-v)*16,(26-v)*16-2:NEXT

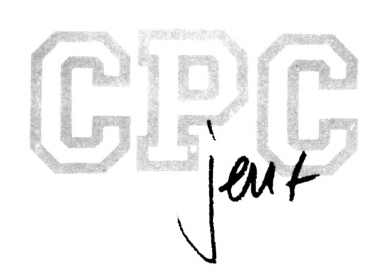
500 w=0:WHILE w<>7:GOSUB 670:CLS#w:WEND:PRINT" TRANSFIL >YC
 V2.0  (C) Y. GOUR 1991.":f$=STRING$(3,CHR$(154))+CHR$(
243):a$="Transferts  A(0):"+fmt$(y+1)+" "+f$+" A(0):"+f
mt$(x+1):LOCATE 80-LEN(a$),1:PRINT a$
510 '                                           >RG
520 'ecrit params pour bandeau sup.             >RH
530 a=&BE32:POKE a+0,0:POKE a+1,79-LEN(a$)+INSTR(a$,"A" >ZJ
):POKE a+2,0:POKE a+3,PEEK(a+1)+11+LEN(fmt$(y+1)):POKE
a+4,0:POKE a+5,PEEK(a+1)+2:POKE a+6,0:POKE a+7,PEEK(a+3
)+2
540 POKE a+8,PEEK(a+3)-5:a$=CHR$(242)+f$:FOR i=1 TO LEN >BZ
(a$):POKE a+8+i,ASC(MID$(a$,i,1)):NEXT
550 '                                           >TA
560 'ecrit DPBs                                 >TB
570 a=&BE00:FOR i=0 TO 24:POKE a+i,dpb(y+1,i+1):POKE a+ >DH
25+i,dpb(x+1,i+1):NEXT
580 '                                           >TD
590 'reloge texte du menu et lance transfereur  >TE
600 c=40:GOSUB 660:CALL &9E80:CALL &A000        >GU
610 '                                           >RH
620 '                                           >RJ
```

```
630 '**** ROUTINES DIVERSES ****                          >RK
640 '                                                     >TA
650 'c=0:ecran=bord; c=40:ecran normal                    >TB
660 CALL &BD19:OUT &BC00,1:OUT &BD00,c:RETURN             >NL
670 READ w,i,n,d,o,v,s:WINDOW#w,i,n,d,o:PAPER#w,v:PEN#w   >TL
,s:RETURN
680 'selection/deselection dans tableau                   >TE
690 LOCATE g+(x+1)*(l+1),h+(y+1)*2:PRINT inv$;l$:IF k<3   >AR
 THEN LOCATE g+l+x+1+x*l,h:PRINT nom$(x+1) ELSE LOCATE
g,h+2*y+2:PRINT nom$(y+1)
700 RETURN                                                >ZC
710 '                                                     >RJ
720 '                                                     >RK
730 '**** DONNEES POUR L'ECRAN ****                       >TA
740 '                                                     >TB
750 DATA 0,1,80,1,25,0,1                                  >QT
760 DATA 1,36,45,2,4,1,0                                  >QC
770 DATA 6,2,40,25,25,3,1                                 >RD
780 DATA 7,1,1,1,24,0,0                                   >PZ
790 '                                                     >TG
800 DATA 37,3,TRANSFIL,1,0                                >VP
810 DATA 19,6," Transfereur de fichiers entre tous form   >DH
ats ",0,1
820 DATA 9,23," touches curseur pour la selection et EN   >LE
TER pour la validation ",0,1
830 DATA 32,25," (C) Y. GOUR 1991 ",1,0                   >EY
840 DATA 0,0,FIN,0,0                                      >NB
850 '                                                     >TD
860 '                                                     >TE
870 '**** DONNEES DE FORMATS ****                         >TF
880 '                                                     >TG
890 DATA "DATA"                                           >YA
900 DATA 0024,03,07,00,00BC,003F,00C0,0010,0000           >MU
910 DATA C1,09,2A,52,E5,02,04,00,00,FF                    >DF
920 '                                                     >TB
930 DATA "DATA+"                                          >DE
940 DATA 0028,03,07,00,00D1,003F,00C0,0010,0000           >MK
950 DATA C1,0A,18,24,E5,02,04,00,00,FF                    >DG
960 '                                                     >TF
970 DATA "DB1-198K"                                       >MG
980 DATA 0028,03,07,00,00C7,003F,00C0,0010,0000           >MV
990 DATA C1,0A,18,24,E5,02,04,00,00,FF                    >DL
1000 '                                                    >XD
1010 DATA "DB2-198K"                                      >NF
1020 DATA 0028,03,07,00,00C7,003F,00C0,0010,0028          >NJ
1030 DATA C1,0A,18,24,E5,02,04,00,00,FF                   >EE
1040 '                                                    >XH
1050 DATA "VENDOR"                                        >MX
1060 DATA 0024,03,07,00,00AA,003F,00C0,0010,0002          >NJ
1070 DATA 41,09,2A,52,E5,02,04,00,00,FF                   >EW
1080 '                                                    >YB
1090 DATA FIN                                             >KB
1100 '                                                    >XE
1110 '                                                    >XF
1120 '*** ECRAN DU TRANSFEREUR ***                        >XG
1130 '                                                    >XH
1140 DATA 2,"S o u r c e",12,"D e s t i n a t i o n",22   >FJ
,""
1150 DATA 0,1,80,1,1,1,0                                  >QD
1160 DATA 1,1,80,3,11,0,1                                 >RE
1170 DATA 2,1,80,13,21,0,1                                >RP
1180 DATA 3,1,80,23,25,1,0                                >RX
1190 DATA 7,1,80,1,1,1,0                                  >QQ
1200 '                                                    >XF
```

CHARGEUR.BAS

```
100 '*****************************
110 '* TRANSFIL: chargeur binaire *
120 '*   copyright Y. GOUR 1991   *
130 '*****************************
140 '
150 MEMORY &9000:OPENOUT"x":MEMORY HIMEM-1:CLOSEOUT
160 DEFINT a-z:d=&9E80:ad=d:l=214*8
170 FOR i=0 TO 213
180 sum=0:parite=0
190 FOR j=0 TO 7:READ a$:a=VAL("&"+a$):POKE ad+j,a
200 sum=sum+a:parite=parite+(a MOD 2)*2^j
210 NEXT
220 READ a$,b$:s2=VAL("&"+a$):p2=VAL("&"+b$)
230 IF sum<>s2 THEN PRINT"Erreur de data en ligne";(1000
+10*i):STOP
240 IF parite<>p2 THEN PRINT"Interversion de datas en li
gne";(1000+10*i):STOP
250 ad=ad+8
260 NEXT
270 SAVE"transfil.cod",b,d,l
280 END
290 '
1000 DATA 21,8C,9E,11,80,BE,01,D0,36B,049
1010 DATA 00,ED,B0,C9,0C,1F,06,01,298,0AA
1020 DATA F2,9A,20,3A,6C,65,63,74,38E,060
1030 DATA 65,75,72,20,73,6F,75,72,335,073
1040 DATA 63,65,1F,1F,01,9A,F3,20,2B4,05F
1050 DATA 3A,6C,65,63,74,65,75,72,32E,06C
1060 DATA 20,64,65,73,74,69,6E,61,308,0AC
1070 DATA 74,69,6F,6E,1F,3B,01,54,269,076
1080 DATA 41,42,20,3A,73,6F,75,72,2A6,071
1090 DATA 63,65,F2,F3,64,65,73,74,45D,06B
1100 DATA 2E,1F,07,02,F0,20,3A,75,215,086
1110 DATA 73,65,72,20,73,6F,75,72,333,073
1120 DATA 63,65,1F,1F,02,F1,20,20,239,02F
1130 DATA 3A,75,73,65,72,20,64,65,2E2,08E
1140 DATA 73,74,69,6E,61,74,69,6F,36B,0D5
1150 DATA 6E,1F,3B,02,44,45,4C,20,1BF,026
1160 DATA 3A,65,66,66,61,63,65,1F,2B3,0F2
1170 DATA 03,03,66,31,2F,66,34,20,186,01B
1180 DATA 3A,43,41,54,2F,44,49,52,220,056
1190 DATA 20,73,6F,75,72,63,65,1F,2D0,0EE
1200 DATA 1C,03,66,32,2F,66,35,20,1A1,052
1210 DATA 3A,43,41,54,2F,44,49,52,220,056
1220 DATA 20,64,65,73,74,69,6E,61,308,0AC
1230 DATA 74,69,6F,6E,1F,3B,03,52,269,076
1240 DATA 45,54,20,3A,74,72,61,6E,2A8,041
1250 DATA 73,66,65,72,65,00,00,00,215,015
1260 DATA 00,00,00,00,00,00,00,00,000,000
1270 DATA 00,00,00,00,00,00,00,00,000,000
1280 DATA 00,3E,0C,CD,5A,BB,21,00,24D,068
```

```
1290 DATA C0,11,01,C0,4D,3E,55,06,278,056
1300 DATA 08,77,ED,B0,07,47,7C,B7,39D,0B6
1310 DATA 78,20,F4,C9,00,00,00,00,255,008
1320 DATA 00,00,00,00,DD,E5,E1,11,2B4,0F0
1330 DATA 7C,9F,01,08,00,ED,B0,2A,2EB,026
1340 DATA 7C,9F,CB,85,23,23,22,BB,38E,0BE
1350 DATA 9F,2A,82,9F,CB,85,22,C5,421,0B9
1360 DATA 9F,2A,80,9F,CB,85,23,23,37E,0F9
1370 DATA 22,EB,9F,3E,01,CD,DE,BB,451,0B6
1380 DATA 2A,7E,9F,CB,85,2B,2B,AF,39C,0FC
1390 DATA 23,23,01,00,00,54,5D,ED,1E5,0C7
1400 DATA 42,D0,62,6B,11,00,00,CB,2BB,098
1410 DATA 4D,28,01,13,D5,1B,CD,F6,33C,07D
1420 DATA 9F,20,12,13,CD,F6,9F,20,366,059
1430 DATA 0C,13,CD,F6,9F,20,06,E5,38C,096
1440 DATA 1B,CD,EA,BB,E1,D1,13,13,465,0FB
1450 DATA D5,EB,01,00,00,AF,ED,42,39F,067
1460 DATA EB,D1,38,D8,18,C2,E5,D5,560,0C3
1470 DATA CD,F0,BB,D1,E1,FE,00,C9,5F1,09D
1480 DATA F3,CD,37,BD,21,22,A1,11,3A9,0DF
1490 DATA B6,AA,01,46,01,ED,B0,21,366,0B4
1500 DATA 68,A2,11,40,00,01,00,03,15F,0A4
1510 DATA ED,B0,21,92,A0,11,00,00,301,025
1520 DATA 01,07,00,ED,B0,21,5A,BB,2DB,0AB
1530 DATA 11,30,00,01,03,00,ED,B0,1E2,059
1540 DATA 21,99,A0,C7,21,FF,B0,11,402,0BB
1550 DATA 40,00,0E,07,CD,CE,BC,21,2CD,098
1560 DATA BE,A0,11,A7,AA,06,05,E5,3B0,0CC
1570 DATA C5,D5,CD,D4,BC,30,31,D1,529,0C7
1580 DATA EB,73,23,72,23,71,23,EB,395,0F7
1590 DATA C1,E1,7E,23,FE,00,20,FA,45B,00B
1600 DATA 10,E5,21,66,AD,22,64,AD,35C,096
1610 DATA 21,69,AD,22,67,AD,21,CC,35A,077
1620 DATA A0,11,7B,AD,01,10,00,ED,2D7,09E
1630 DATA B0,31,00,C0,FB,C3,22,01,382,0B2
1640 DATA CD,B6,AA,21,DC,A0,C7,CD,55E,0C9
1650 DATA BD,AA,21,00,00,0E,FD,CD,360,0C5
1660 DATA 16,BD,7E,F7,23,B7,20,FA,43C,03A
1670 DATA C9,1F,01,01,20,54,52,41,1F1,08F
1680 DATA 4E,53,46,49,4C,20,56,32,224,00A
1690 DATA 2E,30,20,20,28,43,29,20,152,060
1700 DATA 59,2E,20,47,4F,55,52,20,204,039
1710 DATA 31,39,39,31,2E,00,84,00,186,00F
1720 DATA 85,00,87,00,44,49,D2,00,26B,025
1730 DATA 45,52,C1,00,30,31,32,33,21E,0A5
1740 DATA 34,35,36,37,38,39,41,42,1CA,06A
1750 DATA 43,44,45,46,0A,20,20,20,17C,005
1760 DATA 20,20,20,20,20,20,20,20,100,000
1770 DATA 20,50,41,53,20,44,45,20,1CD,04C
1780 DATA 52,4F,4D,20,44,49,53,43,231,0E6
1790 DATA 21,20,20,2D,52,45,53,45,1BD,0E9
1800 DATA 54,20,4E,45,43,45,53,53,235,0F8
1810 DATA 41,49,52,45,2D,20,20,46,1D4,01B
1820 DATA 52,41,50,50,45,52,20,55,23F,092
1830 DATA 4E,45,20,54,4F,55,43,48,236,072
1840 DATA 45,00,06,03,0E,00,C3,B7,1D6,0C9
1850 DATA BB,C5,06,64,CD,09,BB,10,38B,073
1860 DATA FB,C1,C3,06,BB,AF,32,47,468,0B7
1870 DATA AB,21,43,AB,C7,C9,21,32,39D,07F
1880 DATA BE,18,03,21,36,BE,4F,46,283,04C
1890 DATA 3A,3A,BE,E6,80,07,B9,78,3D0,060
1900 DATA C8,23,23,7E,C9,57,CD,D2,44B,076
1910 DATA AA,5F,32,00,AC,C6,41,32,320,042
1920 DATA 74,00,7A,CD,D7,AA,32,01,36F,098
1930 DATA AC,42,4B,21,00,BE,3A,3A,28C,00C
1940 DATA BE,E6,80,07,B8,28,03,21,32F,0C8
1950 DATA 19,BE,11,90,AD,AF,B9,28,3B5,075
1960 DATA 03,11,D0,AD,78,01,19,00,223,06B
1970 DATA ED,B0,C9,CD,E9,AA,47,04,511,05D
1980 DATA C5,CD,B8,AA,21,40,00,C7,41C,093
1990 DATA 21,64,00,C7,C7,CD,BD,AA,447,079
2000 DATA FE,FC,C1,C0,E1,21,BE,00,53B,034
2010 DATA C7,CD,B8,AA,C3,2C,01,1F,405,0D3
2020 DATA 00,01,00,00,00,00,00,21,022,082
2030 DATA 69,AD,06,00,CD,BD,AA,FE,44E,033
2040 DATA FC,C8,FE,0D,20,0A,AF,B8,460,048
2050 DATA 28,F2,78,32,66,AD,37,C9,3D7,0E0
2060 DATA FE,7F,20,0E,AF,B8,28,E4,41E,012
2070 DATA 3E,08,F7,3E,10,F7,2B,05,2B2,0E4
2080 DATA 18,DA,FE,20,38,D6,FE,5B,477,080
2090 DATA 38,04,D6,20,18,F4,77,3E,2F3,040
2100 DATA 0C,B8,28,C8,7E,04,23,F7,350,0C0
2110 DATA 18,C2,D5,47,AF,EB,ED,52,4CF,07C
2120 DATA 3F,EB,78,D1,C9,21,BE,00,41B,03B
2130 DATA C7,CD,BD,AA,C3,C3,01,21,4A3,0F7
2140 DATA 69,AD,3A,66,AD,47,C3,77,3E4,0F3
2150 DATA BC,AF,CD,E9,AA,21,40,00,42C,02E
2160 DATA C7,C7,21,64,00,C7,21,92,38D,067
2170 DATA 00,C7,C9,22,E4,AB,3E,01,380,0A6
2180 DATA CD,E9,AA,21,40,00,C7,21,3A9,0CB
2190 DATA 57,00,C7,C7,C7,CD,BD,AA,4E0,07D
2200 DATA FE,FC,20,04,E1,C3,C3,01,486,0F0
2210 DATA 21,D7,00,C7,21,69,AD,11,307,0FB
2220 DATA 00,00,3A,66,AD,47,CD,8C,2ED,070
2230 DATA BC,D8,E1,C3,99,AB,00,00,47C,03C
2240 DATA 00,00,00,00,00,00,00,00,000,000
2250 DATA 0C,49,6E,73,65,72,65,72,2E4,05A
2260 DATA 20,44,49,53,43,20,00,73,1D6,09C
2270 DATA 6F,75,72,63,65,20,00,64,2A2,01B
2280 DATA 65,73,74,69,6E,61,74,69,361,0AB
2290 DATA 6F,6E,20,00,64,61,6E,73,2A3,0A1
2300 DATA 20,6C,65,20,6C,65,63,74,2B9,064
2310 DATA 65,75,72,20,00,2C,20,70,228,003
2320 DATA 75,69,73,20,00,70,72,65,2B8,087
2330 DATA 73,73,65,72,20,75,6E,65,325,0A7
2340 DATA 20,74,6F,75,63,68,65,3A,2E2,05C
2350 DATA 0A,00,65,6E,74,72,65,72,29A,044
2360 DATA 20,6C,65,20,6E,6F,6D,20,27B,064
2370 DATA 64,75,20,66,69,63,68,69,2FC,0B2
2380 DATA 65,72,00,3A,20,0A,0D,00,148,041
2390 DATA 20,61,20,65,66,66,61,63,296,0CA
2400 DATA 65,72,3A,0A,0D,00,0A,0D,13F,091
2410 DATA 20,20,2A,20,41,62,61,6E,1FC,050
2420 DATA 64,6F,6E,20,2A,00,0A,0D,1A2,082
2430 DATA 6C,69,74,2E,2E,2E,00,0D,1E0,082
2440 DATA 65,63,72,69,74,2E,2E,2E,2A1,00B
2450 DATA 00,00,0A,0D,65,66,66,61,1A9,098
2460 DATA 63,65,2E,2E,2E,00,FE,31,281,083
2470 DATA 20,0D,AF,CD,1F,AB,C5,11,349,0FE
2480 DATA 00,03,CD,9B,BC,18,15,FE,352,04E
2490 DATA 32,20,04,3E,01,18,EC,FE,297,010
2500 DATA 34,20,0F,AF,CD,1F,AB,C5,36E,0FC
2510 DATA AF,DF,B0,AA,C1,CD,B8,AA,5D8,033
2520 DATA 18,12,FE,35,20,0E,3E,01,1CA,088
2530 DATA 18,EA,CD,B6,AA,21,80,BE,48E,024
2540 DATA C7,CD,B6,AA,CD,BD,AA,FE,626,033
2550 DATA F2,20,16,AF,CD,D2,AA,EE,50E,018
2560 DATA 01,77,C6,41,32,46,AB,23,2C5,0CB
2570 DATA 7E,32,44,AB,CD,C9,AA,18,3F7,038
2580 DATA E3,FE,F3,20,04,3E,01,18,34F,045
2590 DATA E3,FE,F0,20,14,AF,CD,D7,558,0E1
2600 DATA AA,3C,E6,0F,77,06,00,4F,2A7,098
2610 DATA EB,21,7B,AD,09,7E,EB,18,3BE,05F
2620 DATA D3,FE,F1,20,04,3E,01,18,33D,045
2630 DATA E5,FE,09,20,20,21,3A,BE,345,025
2640 DATA 7E,EE,80,77,47,E6,7F,32,441,058
2650 DATA 44,AB,23,CB,78,20,01,23,299,0CE
2660 DATA 11,46,AB,01,04,00,ED,B0,2A4,04D
2670 DATA CD,CD,AA,18,97,FE,0D,28,426,053
2680 DATA 27,FE,7F,C2,EE,00,CD,B6,4D7,045
2690 DATA AA,CD,AD,AB,21,B0,00,C7,467,09E
2700 DATA CD,4B,AB,30,0D,21,E2,00,303,037
2710 DATA C7,3E,01,DD,21,64,AD,DF,3F4,0DD
2720 DATA B3,AA,CD,B6,AA,C3,22,01,470,0A5
2730 DATA CD,B6,AA,CD,7D,BC,CD,92,592,059
2740 DATA BC,CD,AD,AB,C7,CD,4B,AB,56B,0FE
2750 DATA 30,E8,21,CE,00,C7,11,A5,384,0E4
2760 DATA A2,CD,A3,AB,30,E5,FE,04,4D4,02E
2770 DATA 38,44,21,00,03,11,A5,A2,1F8,074
2780 DATA CD,80,BC,30,08,77,23,CD,3A8,0E1
2790 DATA 8E,AB,38,F4,AF,FE,1A,C2,4EE,012
2800 DATA 99,AB,2B,22,75,AD,CD,7A,3FA,077
2810 DATA BC,D2,99,AB,21,A5,A2,CD,507,0BC
2820 DATA BF,AB,21,00,03,ED,5B,75,34B,0F7
2830 DATA AD,7E,CD,95,BC,D2,99,AB,55F,0CD
2840 DATA 23,CD,8E,AB,38,F3,CD,8F,4B0,0EB
2850 DATA BC,D2,99,AB,18,9D,ED,53,4C7,0EC
2860 DATA 75,AD,ED,43,77,AD,32,07,3AF,0BF
2870 DATA 00,21,00,03,09,2B,11,A5,10E,0FA
2880 DATA AA,CD,8E,AB,D2,C3,01,21,467,0EA
2890 DATA 00,03,CD,83,BC,D2,99,AB,425,0CE
2900 DATA 22,79,AD,CD,7A,BC,D2,99,4B6,08E
2910 DATA AB,21,00,03,CD,BF,AB,21,327,0FB
2920 DATA 00,03,ED,5B,77,AD,ED,4B,3A7,0FE
2930 DATA 79,AD,3A,07,00,CD,98,BC,388,02B
2940 DATA D2,99,AB,CD,8F,BC,D2,99,599,09E
2950 DATA AB,11,00,03,CD,A3,AB,D2,3AC,07B
2960 DATA 99,AB,DD,21,90,AD,3A,00,3B9,02F
2970 DATA AC,FE,00,28,04,DD,21,D0,3A4,060
2980 DATA AD,3A,19,AC,47,DD,7E,03,351,0B5
2990 DATA 3C,16,00,5F,21,00,00,19,0EB,098
3000 DATA 10,FD,23,DD,7E,00,5F,AF,399,0CE
3010 DATA ED,52,3C,30,FB,19,3D,57,353,0F1
3020 DATA DD,7E,0D,82,57,3A,00,AC,327,015
3030 DATA 5F,DD,7E,15,4F,7D,24,91,350,0BB
3040 DATA 30,FC,25,DD,7E,0F,84,4F,38E,0AC
3050 DATA 21,00,03,DD,E5,C5,D5,E5,465,0FD
3060 DATA DF,A7,AA,2A,75,AD,22,15,3B3,0B3
3070 DATA 03,21,00,00,D1,D5,06,43,213,0B3
3080 DATA C5,1A,06,00,4F,09,13,C1,211,0F1
3090 DATA 10,F6,22,43,03,E1,D1,C1,3E1,0F8
3100 DATA D5,DF,AA,AA,D1,DD,E1,DD,674,0F3
3110 DATA 7E,0D,57,DF,AD,AA,C3,C3,49E,0DE
3120 DATA 01,00,00,00,00,00,00,00,001,001
3130 DATA 00,00,00,00,00,00,00,00,000,000
3140 DATA 00,00,00,00,00,00,00,00,000,000
```



BRICOLAND

Claude LE MOULLEC

Valable pour CPC 464 – 664 – 6128

Notre héros, Billy, est vraiment ennuyé : il doit rentrer chez lui mais des obstacles étranges se dressent sur sa route. La seule aide possible, c'est vous : en déplaçant les objets, vous allez faciliter le cheminement de Billy, ou, au contraire, le précipiter vers une mort certaine.

Chargement : tapez et sauvez les fichiers Basic BRICO.BAS (facultatif) et BRICLAND.BAS.
Entrez et sauvez les programmes BRIDATA1.BAS et BRIDATA2.BAS. Lancez ces deux programmes avec RUN et vous obtiendrez les fichiers SPRILAND.BIN et ROUTLAND.BIN.

Pour démarrer le jeu, faire RUN «BRICO» ou RUN «BRICLAND»

BRICO.BAS

```
10 REM ::::::::::::::::::::::::                        >YQ
20 REM :                       :                       >DJ
30 REM :    PRESENTATION       :                       >TZ
40 REM :    facultative        :                       >RZ
50 REM :                       :                       >EB
60 REM ::::::::::::::::::::::::                        >YW
70 DIM JE(18,4):RESTORE 120:FOR H=1 TO 18:FOR G=1 TO 4: >EC
READ A:JE(H,G)=A:NEXT G,H
80 EVERY 10,2 GOSUB 620:REM la musique                 >FW
90 MODE 1:INK 0,0:INK 1,3:INK 2,24:INK 3,6:BORDER 0:B=2 >KM
:GOSUB 450
100 ORIGIN 60,180:FOR H=1 TO 18:X=JE(H,1):Y=JE(H,2):L=J >VF
E(H,3):P=JE(H,4)
110 GOSUB 150:NEXT:GOTO 200                            >WQ
120 DATA 16,16,10,3,16,32,2,2,96,64,4,2,16,48,2,3,116,8 >ZT
8,2,3,16,64,2,3,116,104
130 DATA 2,3,16,80,10,2,16,96,2,3,116,136,2,3,16,112,2, >YV
3,116,152,2,3,16,128,2
140 DATA 2,96,160,4,2,16,144,10,3,-16,-100,5,2,370,-50, >AT
9,1,250,-150,3,3,0,0,0,0
150 IF L<11 THEN GOSUB 170 ELSE W=L:L=10:X=X+(W-10)*10: >UT
Y=Y+(W-10)*4:GOSUB 170:L=W-10:X=X-(W-10)*10:Y=Y-(W-10)*
4:IF L=0 THEN RETURN ELSE GOSUB 150
160 RETURN                                             >ZC
170 FOR A=0 TO 16 STEP 2:PLOT X-B*8,Y+B*6+A,P:DRAWR 8*B >NA
,-6*B:DRAWR L*10,L*4:NEXT:FOR A=0 TO B STEP 0.1:PLOT X-
A*8,Y+A*6+18:DRAWR 10*L,4*L:NEXT
180 FOR A=1 TO L:FOR C=1 TO B:PLOT X+A*10-4-8*C,Y+C*6+A >AQ
*4+10,1+(P=1):DRAWR 4,0:DRAWR 0,2:DRAWR -6,0:DRAWR 0,2:
DRAWR 2,2:DRAWR 4,0:DRAWR 0,-2:NEXT C,A
190 PLOT X,Y:DRAWR 10*L,4*L:DRAWR 0,18:DRAWR -8*B,6*B:D >GF
RAWR -10*L,-4*L:DRAWR 0,-18:DRAWR 8*B,-6*B:DRAWR 0,18:D
RAWR -8*B,6*B:DRAWR 8*B,-6*B:DRAWR 10*L,4*L:RETURN
200 ORIGIN 0,0:OUT &BC00,6:OUT &BD00,24                >FC
210 a$="RICOLAND":X=220:y=324:GOSUB 220:GOTO 300       >RM
220 a=LEN(a$):a8=a*8                                   >NW
230 LOCATE 1,25:PEN 1:PRINT a$;:PEN 1                  >DD
240 tx=x:y2=14                                         >BB
250 FOR f=1 TO 8:x2=0:FOR g=1 TO a8                    >AW
260 IF TEST( x2,y2)=1 THEN PLOT x+4,y,2:PLOT x+4,y-2:PL >MG
OT x,y-2:PLOT x+2,y-2:PLOT x+4,y-4:PLOT x+2,y-4:PLOT x,
y-4:PLOT x-2,y+2,3:PLOT x,y+2:PLOT x+2,y+2:PLOT x+2,y:P
LOT x-2,y:PLOT x,y
270 x=x+6:x2=x2+2                                      >MB
280 NEXT g:y=y-6:tx=tx:y2=y2-2:x=tx:NEXT f             >NB
```



```
290 LOCATE 1,25:PRINT SPACE$(LEN(A$)):RETURN                   >PA
300 PEN 2:LOCATE 19,12:PRINT "BY"                              >AG
310 a$="LMC SOFTWARE":y=100:ENC=3:t=0:GOSUB 330                >TK
320 y=96:ENC=2:t=1:GOSUB 330:GOTO 430                          >EH
330 A=LEN(A$):P=A*8:IF t=0 THEN 350                            >BP
340 x=(646-A*32)/2:GOTO 360                                    >UW
350 x=(639-A*32)/2                                             >LR
360 PEN 2:LOCATE 1,25:PRINT A$;:PEN 1                          >DQ
370 tx=x:y2=14                                                 >BF
380 FOR i=1 TO 8:x2=0:FOR j=1 TO P                             >ZH
390 IF TEST(x2,y2)=2 THEN PLOT x,y,ENC:PLOT x,y-2:PLOT         >ZE
x+2,y:PLOT x+2,y-2
400 x=x+4:x2=x2+2:NEXT j                                       >TA
410 y=y-4:y2=y2-2:x=tx:NEXT i:RETURN                           >GK
420 NEXT i:RETURN                                              >NX
430 LOCATE 1,25:PRINT SPACE$(A):OUT &BC00,6:OUT &BD00,2        >AK
5
440 WHILE INKEY$="":WEND:GOTO 520                              >BJ
450 FOR f=1 TO 20:Q=(RND*560)+40:W=(RND*350)+32                >PT
460 PLOT Q,W+30,9:DRAW Q,W-30:PLOT Q+52,W:DRAW Q-52,W:P        >YD
LOT Q+8,W+4:PLOT Q-8,W+4:PLOT Q-8,W-4:PLOT Q+8,W-4
470 PLOT Q+4,W+8:DRAW Q+4,W-8:PLOT Q-4,W+8:DRAW Q-4,W-8        >JY
:PLOT Q+16,W+2:DRAW Q-16,W+2:PLOT Q+16,W-2:DRAW Q-16,W-
2:PLOT Q,W+28,0:PLOT Q,W-28:PLOT Q+48,W:PLOT Q-48,W

480 PLOT Q,W+6,10:DRAW Q+12,W:DRAW Q,W-6:DRAW Q-12,W:DR        >NL
AW Q,W+6:PLOT Q,W+18:DRAW Q,W-18:PLOT Q+32,W:DRAW Q-32,
W:PLOT Q,W+16,9:PLOT Q,W-16:PLOT Q+28,W:PLOT Q-28,W:PLO
T Q,W+10,11:DRAW Q,W-10:PLOT Q+16,W:DRAW Q-16,W
490 PLOT Q,W+4,12:DRAW Q,W-4:PLOT Q+4,W:DRAW Q-4,W:PLOT        >YZ
 Q+4,W+2,11:PLOT Q-4,W+2:PLOT Q-4,W-2:PLOT Q+4,W-2

500 NEXT:FOR F=1 TO 100:PLOT RND*640,RND*384+16,2:NEXT         >ZR

510 RETURN                                                     >ZB
520 BORDER 0:MODE 1:INK 0,0:INK 1,26:INK 2,13:INK 3,15         >WQ

530 LOCATE 16,2:PEN 1:PRINT "BRICOLAND":LOCATE 16,3:PEN        >BB
 3:PRINT "========="
540 PEN 2:LOCATE 1,5:PRINT"  Apres bien des aventures B        >HU
ILLY THE KIDrentre chez lui."
550 PEN 2:LOCATE 1,8:PRINT"    Malheureusement le chemi        >HM
n  du retourest parsemé d'embuches et  BILLY qui esttre
s fatigués  ne  regarde pas  ou il metles pieds."
560 LOCATE 1,13:PRINT"    Votre tache sera  de lui apla        >CH
nir lesdifficultés rencontrées sur son passage."
570 LOCATE 1,16:PRINT"    Pour cela vous utiliserez le         >GX
Téléporteur et les éléments dudécor mis à votredisposit
ion."
580 LOCATE 1,20:PRINT"   La prise et la restitution des        >RA
 objetsse fait en appuyant sur la touche <FIRE>ou la to
uche <COPY>"
590 LOCATE 11,24:PEN 3:PRINT "JOYSTICK ou CURSEUR"             >XM
600 LOCATE 32,25:PEN 1:PRINT "<ENTER>"                         >FG
610 WHILE INKEY$="":WEND:RUN "BRICLAND"                        >JX
620 READ d:IF d=-1 THEN RESTORE 650:GOTO 620                   >LE
630 IF d=0 THEN v=0:d1=0 ELSE v=1:d1=d                         >EA
640 SOUND 17,d,20,15*v:SOUND 10,d1,20,0:RETURN                 >PG
650 DATA 478,0,478,0,478,0,478,0,478,506,478,426,379,0,        >YW
379,0,319,338,319,239
660 DATA 190,0,190,0,213,190,179,253,213,0,213,0,319,33        >XF
8,319,253,213,0,213,0
670 DATA 179,190,179,127,106,0,106,0,113,106,95,127,119        >XB
,0,119,0,95,106,95,89
680 DATA 80,0,80,0,71,80,89,95,106,0,106,0,106,113,106,        >XV
95,89,0,89,0,80,89,95
690 DATA 106,119,0,119,0,119,127,119,106,95,0,95,0,89,9        >UG
5,106,119,127,0,0,0
700 DATA 142,0,0,0,159,0,0,0,179,0,0,0,190,0,0,0,213,0,        >BM
0,0,-1
```

BRICLAND.BAS

```
10 REM :::::::::::::::::::::::                                 >ZE
20 REM :                     :                                 >EB
30 REM :      BRICOLAND      :                                 >PP
40 REM :                     :                                 >ED
50 REM :         BY          :                                 >BA
60 REM :                     :                                 >EF
70 REM :   CLAUDE LE MOULLEC :                                 >WD
80 REM :  83 RUE JOLIOT CURIE :                                >XL
90 REM :     22420 PLOUARET  :                                 >TA
100 REM :   TEL 96 38 94 24  :                                 >QH
110 REM :   TEL 96 38 94 24  :                                 >QJ
120 REM :                    :                                 >KG
130 REM :::::::::::::::::::::::                                >ZR
140 MEMORY &7FFF                                               >LA
150 LOAD "SPRILAND",&8000                                      >UF
160 LOAD "ROUTLAND",&9D20                                      >UV
170 REM ::::::::::::::::::::                                   >YK
180 REM :                  :                                   >LA
190 REM : VARIABLES DE BASE :                                  >WD
200 REM :                  :                                   >KD
210 REM ::::::::::::::::::::                                   >YE
220 DEFINT A-Z:CALL &BBFF:MODE 0:BORDER 0                      >JC
230 RESTORE 240:FOR H=0 TO 15:READ A:INK H,A:NEXT              >RB
240 DATA 0,26,1,2,4,16,6,3,18,9,17,13,20,1,24,15               >MQ
250 DEF FN PO(X,Y)=&C000+(Y-1)*160+(X-1)*4                     >HM
260 DEF FN lp(x,y)=&C000+(y-1)*80+(x-1)*2                      >GV
270 DIM SP(40):FOR H=0 TO 39:SP(H+1)=&82D8+(H*64):NEXT:        >NR
SP(40)=&A400
280 DIM JE(20,12):DIM Z(50):FOR H=1 TO 28:READ A:Z(H)=A        >DK
:NEXT
290 DATA 0,40,40,1,1,10,11,1,12,13,14,1,15,20,21,22,1,3        >AC
0,1,16,40,1,40,1,1,0,0,1
300 ENT 3,100,-50,30:ENV 2,10,-1,2:ENT 2,10,-2,2:ENV 3,        >DY
5,-2,10
310 ENV 15,1,5,1,10,1,4,5,-3,1:ENT 14,40,-10,1                 >KE
320 ENV 14,1,5,1,10,1,4,5,-3,1:ENT 15,5,-20,1,60,10,1          >TN
330 ENV 1,100,3,1:ENT 1,100,2,2:WINDOW #1,1,20,9,25            >RF
340 Y=10:VIE=5:TA=1                                            >PB
350 REM ::::::::::::::::::::                                   >YK
360 REM :                  :                                   >LA
370 REM :   DECOR DE BASE  :                                   >RJ
380 REM :                  :                                   >LC
390 REM ::::::::::::::::::::                                   >YP
```



```
400 POKE &A01A,14:POKE &A01F,13:CALL &A00D,FN po(5,4),& >BK
80A2
410 CALL &A00D,FN po(17,3),&80A2 >YG
420 POKE &A01A,22:POKE &A01F,4:CALL &A00D,FN po(6,3),&8 >AW
280
430 POKE &A01A,18:POKE &A01F,9:CALL &A00D,FN po(1,2)+80 >DV
,&8000
440 POKE &A01A,17:POKE &A01F,8:CALL &A00D,FN po(12,3),& >BQ
8158
450 POKE &A01A,16:POKE &A01F,4 >XB
460 a$=" SCORE        VIE      TAB         HIGHT ":ZL=1: >YX
YL=1:CER=2:GOSUB 500
470 a$=" 00000        000      000         00000 ":ZL=1: >UV
YL=2:CER=2:GOSUB 500
480 PLOT 16,360,6:DRAW 622,360:PLOT 16,354:DRAW 622,354 >PV
:PLOT 12,358:DRAW 20,358:PLOT 12,356:DRAW 20,356:PLOT 6
26,358:DRAW 618,358:PLOT 626,356:DRAW 618,356
490 GOTO 650 >AA
500 A$=UPPER$(A$):FOR T=1 TO LEN(A$):PS=(ASC(MID$(A$,T, >HU
1)))-48
510 IF PS<0 THEN PS=43 >QH
520 CALL &9D20,FN LP(ZL,YL)+(T*2)-cer,&9D40+(PS*16):NEX >MC
T:RETURN
530 CALL &A030,FN PO(18,6),SP(28):a$="LISEZ ALI GATOR D >ER
UNDEE <<< LE FANZINE"
540 ZL=2:YL=10:GOSUB 500:SOUND 1,100,-2000,5,0,1,10:FOR >WZ
 T=1 TO 5000:NEXT T
550 FOR H=1 TO 70:POKE &A01F,10:CALL &A00D,FN PO(1,5)+H >ED
,&85D8:FOR T=1 TO 20:NEXT T
560 POKE &A01F,1:CALL &A00D,FN PO(1,5)+H,SP(1):NEXT H:P >LB
OKE &A01F,4
570 CALL &A00D,FN PO(1,5)+70,SP(1):CALL &A00D,FN PO(1,5 >JY
)+74,SP(1)
580 CALL &A00D,FN PO(1,5)+78,SP(1):CALL &A030,FN PO(18, >HN
6),SP(28)
590 CALL &BCA7:RETURN >QX
600 REM ::::::::::::::::::::: >YH
610 REM :                   : >KJ
620 REM :  BRANCHEMENT TAB  : >VX
630 REM :                   : >LA
640 REM ::::::::::::::::::::: >YM
650 ON ta GOTO 660,670,680,690,700,710,720,730,740,750, >AA
760,770,780,790,800,810
660 Y=10:RESTORE 2670:GOSUB 870:GOSUB 530:GOTO 1080 >VG
670 RESTORE 2700:GOSUB 870:GOTO 1080 >DF
680 RESTORE 2730:GOSUB 870:GOTO 1080 >DK
690 RESTORE 2760:GOSUB 870:GOTO 1080 >DP
700 RESTORE 2790:GOSUB 870:GOTO 1080 >DJ
710 RESTORE 2830:GOSUB 870:GOTO 1080 >DE
720 RESTORE 2870:GOSUB 870:GOTO 1080 >DK
730 RESTORE 2910:GOSUB 870:GOTO 1080 >DF
740 RESTORE 2950:GOSUB 870:GOTO 1080 >DL
750 RESTORE 2990:GOSUB 870:GOTO 1080 >DR
760 RESTORE 3030:GOSUB 870:GOTO 1080 >DC
770 RESTORE 3070:GOSUB 870:GOTO 1080 >DH
780 RESTORE 3110:GOSUB 870:GOTO 1080 >DD
790 RESTORE 3150:GOSUB 870:GOTO 1080 >DJ
800 RESTORE 3190:GOSUB 870:GOTO 1080 >DE
810 RESTORE 3230:GOSUB 870:GOTO 1080 >DA
820 REM ::::::::::::::::::::: >YM
830 REM :                   : >LC
840 REM :   DESSIN TABLEAU  : >UN
850 REM :                   : >LE
860 REM ::::::::::::::::::::: >YR
870 CLS #1:ERASE je:DIM JE(20,12) >ZV
880 FOR H=1 TO 7:READ A$:IF LEFT$(A$,1)="X" THEN 920 >TT
890 FOR G=1 TO 20:B$=MID$(A$,G,1):B=ASC(B$)-48 >MJ
900 CALL &A00D,FN PO(G,13-H),SP(B):JE(G,13-H)=Z(B):NEXT >BC
 G
910 GOTO 940 >ZK
920 B$=RIGHT$(A$,1):B=ASC(B$)-48:IF B=1 THEN 940 >PN
930 FOR G=1 TO 20:CALL &A00D,FN PO(G,13-H),SP(B):JE(G,1 >UJ
3-H)=Z(B):NEXT G
940 NEXT >EJ
950 POKE &A01A,40:READ AB:FOR H=1 TO AB:READ A,B >PW
960 CALL &A00D,FN PO(A,B)+80,&81E0 >AK
970 JE(A,B)=40:JE(A,B+1)=40:JE(A,B+2)=40:NEXT:POKE &A01 >EG
A,16
980 D=18:E=6:CALL &A030,FN PO(D,E),SP(28):TF=28 >PC
990 CALL &A00D,FN PO(1,Y),SP(29):SS=1:X=1:AC=29:PT=1 >XD
1000 ADD=FN PO(X,Y):FOR H=1 TO 12:JE(1,H)=1:NEXT >RH
1010 Y1=Y:FIN=0:GAN=0:RT=0 >WH
1020 GOSUB 2230:GOSUB 2180:FEU=0:TENU=0:RETURN >RK
1030 REM ::::::::::::::::::::: >YP
1040 REM :                    : >RD
1050 REM : ROUTINE PRINCIPALE : >ZM
1060 REM :                    : >RF
1070 REM ::::::::::::::::::::: >YU
1080 EVERY 10 GOSUB 1220:IF TA<>16 THEN EVERY  66,1 GOS >DG
UB 2150
1090 IF FIN=1 THEN 2400 >QH
1100 IF INKEY(0)*INKEY(72)=0 AND E>5 THEN 1670 >MC
1110 IF INKEY(2)*INKEY(73)=0 AND E<12 THEN 1720 >MZ
1120 IF INKEY(8)*INKEY(74)=0 AND D>1 THEN 1760 >MK
1130 IF INKEY(1)*INKEY(75)=0 AND D<20 THEN 1800 >MZ
1140 IF INKEY(9)*INKEY(76)=0 THEN 1880 >EW
1150 IF INKEY(47)=0 THEN FIN=1 >XV
1160 GOTO 1090 >MF
1170 REM ::::::::::::::::::::: >YV
1180 REM :                   : >RJ
1190 REM :  ALGORITHME BILLY : >XG
1200 REM :                   : >RB
1210 REM ::::::::::::::::::::: >YP
1220 DI:ON SS GOTO 1240,1370,1450,1530 >DR
1230 REM ::: A DROITE ::: >RK
1240 IF X>19 THEN FIN=1:GAN=1:RETURN >EF
1250 IF JE(X+1,Y)=40 THEN 1260 ELSE IF JE(X+1,Y)<>0 THE >RA
N ASS=1:GOTO 1340
1260 IF PT=1 THEN ACC=29:GOTO 1280 ELSE IF PT=2 THEN SO >WT
UND 1,300,3,1,1,1,15:ACC=30:GOTO 1280
1270 IF PT=3 THEN ACC=29:GOTO 1280 ELSE IF PT=4 THEN SO >GH
UND 1,300,3,1,1,1,15:ACC=31
1280 CALL &A030,ADD,SP(AC):ADD=ADD+1:CALL &A030,ADD,SP( >EG
ACC)
1290 AC=ACC:PT=PT+1:IF PT=5 THEN X=X+1:PT=1:GOTO 1310 >YT
1300 EI:RETURN >FG
1310 IF JE(X,Y+1)=0 OR JE(X,Y+1)=40 THEN SS=3:ASS=1:EI: >HY
RETURN
```



```
1320 IF JE(X,Y+1)<>22 THEN 1300 ELSE CALL &A00D,FN po(X >LR
,Y+1),sp(26)
1330 FOR t=1 TO 200:NEXT:CALL &A00D,FN po(X,Y+1),sp(27) >XF
:fin=1:EI:RETURN
1340 IF JE(X,Y+1)=0 OR JE(X,Y+1)=40 THEN SS=3:ASS=1:EI: >HB
RETURN
1350 IF JE(X+1,Y)=10 THEN SS=4:EI:RETURN ELSE SS=2:EI:R >HJ
ETURN
1360 REM ::: A GAUCHE :::                               >RL
1370 IF JE(X-1,Y)=40 THEN 1380 ELSE IF JE(X-1,Y)<>0 THE >UA
N SS=1:EI:RETURN
1380 IF PT=1 THEN ACC=33:GOTO 1400 ELSE IF PT=2 THEN SO >WG
UND 1,300,3,1,1,1,15:ACC=34:GOTO 1400
1390 IF PT=3 THEN ACC=33:GOTO 1400 ELSE IF PT=4 THEN SO >GD
UND 1,300,3,1,1,1,15:ACC=35
1400 CALL &A030,ADD,SP(AC):ADD=ADD-1:CALL &A030,ADD,SP( >EC
ACC)
1410 AC=ACC:PT=PT+1:IF PT=5 THEN X=X-1:PT=1:GOTO 1430   >YR

1420 EI:RETURN                                          >FK
1430 IF JE(X,Y+1)=0 OR JE(X,Y+1)=40 THEN SS=3:ASS=2:EI: >UL
RETURN ELSE 1320
1440 REM ::: CHUTE :::                                  >PR
1450 CH=CH+1:IF INT(CH/2)=CH/2 THEN 1480                >GA
1460 CALL &A030,ADD,SP(AC):ADD=ADD+80:CALL &A030,ADD,SP >FX
(ACC)
1470 EI:RETURN                                          >GE
1480 CALL &A030,ADD,SP(AC):ADD=ADD+80:CALL &A030,ADD,SP >FZ
(ACC)
1490 Y=Y+1:IF JE(X,Y+1)=40 THEN 1510 ELSE IF JE(X,Y+1)= >ND
22 THEN CALL &A00D,FN po(X,Y+1),sp(26):GOTO 1330
1500 IF JE(X,Y+1)>0 AND JE(X,Y+1)<40 THEN SS=ASS:CH=0   >WN
1510 EI:RETURN                                          >FK
1520 REM ::: MONTER :::                                 >QF
1530 IF JE(X+1,Y-1)<>0 THEN SS=2:EI:RETURN              >LC
1540 MH=MH+1:ON MH GOTO 1550,1560,1580,1590             >JV
1550 CALL &A030,ADD,SP(AC):CALL &A030,ADD+&1FB1,SP(29): >MX
EI:RETURN
1560 CALL &A030,ADD+&1FB1,SP(29):ADD=ADD-78:CALL &A030, >LG
ADD,SP(30)
1570 SOUND 1,300,3,1,1,1,15:EI:RETURN                   >EQ
1580 CALL &A030,ADD,SP(30):CALL &A030,ADD+&1FB1,SP(29): >LY
EI:RETURN
1590 CALL &A030,ADD+&1FB1,SP(29):ADD=ADD-78:CALL &A030, >LL
ADD,SP(31)
1600 AC=31:X=X+1:Y=Y-1:SS=1:MH=0:SOUND 1,300,3,1,1,1,15 >PB
:EI:RETURN
1610 REM ::::::::::::::::::::::                         >YU
1620 REM :                    :                         >RH
1630 REM :   DEPLACE CURSEUR  :                         >WP
1640 REM :                    :                         >RK
1650 REM ::::::::::::::::::::::                         >YY
1660 REM ::: VERS LE HAUT :::                           >VD
1670 IF JE(D,E-1)=0 THEN 1690                           >VZ
1680 IF JE(D,E-1)>9 AND JE(D,E-1)<20 THEN 1690 ELSE 109 >WH
0
1690 CALL &A030,FN PO(D,E),SP(TF):E=E-1                 >FC
1700 CALL &A030,FN PO(D,E),SP(TF):GOTO 1090             >KN
1710 REM ::: VERS LE BAS :::                            >UC
1720 IF JE(D,E+1)=0 THEN 1740                           >VN
1730 IF JE(D,E+1)>9 AND JE(D,E+1)<20 THEN 1740 ELSE 109 >VD
0
1740 CALL &A030,FN PO(D,E),SP(TF):E=E+1:GOTO 1700       >RP
1750 REM ::: A GAUCHE :::                               >RP
1760 IF JE(D-1,E)=0 THEN 1780                           >VZ
1770 IF JE(D-1,E)>9 AND JE(D-1,E)<20 THEN 1780 ELSE 109 >WH
0
1780 CALL &A030,FN PO(D,E),SP(TF):D=D-1:GOTO 1700       >RU
1790 REM ::: A DROITE :::                               >RX
1800 IF JE(D+1,E)=0 THEN 1820                           >VL
1810 IF JE(D+1,E)>9 AND JE(D+1,E)<20 THEN 1820 ELSE 109 >VB
0
```



allo CPC infos

Attention, notez bien ce qui suit : Dès le mois de septembre, tous les mercredis de 14 h à 17 h, la rédaction se tiendra à votre disposition au 99 52 98 11 pour tous renseignements techniques. En dehors de ce créneau les réponses techniques se feront par courrier (n'oubliez pas de mentionner votre adresse et joignez un timbre pour la réponse) ou bien par Minitel sur le 3615 code : MHZ.



```
1820 CALL &A030,FN PO(D,E),SP(TF):D=D+1:GOTO 1700        >RL
1830 REM ::::::::::::::::::::::                           >YY
1840 REM :                    :                           >TB
1850 REM : PRISE/LACHER OBJET :                           >ZE
1860 REM :                    :                           >TD
1870 REM ::::::::::::::::::::::                           >YC
1880 IF FEU=1 THEN 1950                                   >QD
1890 IF JE(D,E)>9 AND JE(D,E)<20 THEN 1900 ELSE 1090      >RV
1900 CALL &A030,FN PO(D,E),SP(TF):CALL &A030,FN PO(D,E) >GV
,SP(24)
1910 SOUND 1,600,10,6,0,3:CALL &A051,FN PO(D,E):TF=40:T >NL
ENU=JE(D,E)
1920 WHILE INKEY$<>"":WEND:FOR T=1 TO 500:NEXT:JE(D,E)= >BC
0
1930 FEU=1:GOTO 1090                                      >PB
1940 REM ::: LACHER :::                                   >QW
1950 IF TENU=16 THEN 2020 ELSE IF E<>Y THEN 1980 ELSE I >LG
F D=X THEN 1090
1960 IF SS=1 AND D=X+1 THEN PRINT CHR$(7):GOTO 1090      >TV
1970 IF SS=2 AND D=X-1 THEN PRINT CHR$(7):GOTO 1090      >TZ
1980 IF JE(D,E)<>0 THEN 1090                             >UQ
1990 FEU=0:SOUND 1,600,10,6,0,3:CALL &A030,FN PO(D,E),S >DR
P(24)
2000 CALL &A030,FN PO(D,E),SP(28):TF=28:JE(D,E)=TENU:TE >FE
NU=0
2010 WHILE INKEY$<>"":WEND:FOR T=1 TO 500:NEXT:GOTO 109 >BM
0
2020 DI:FOR H=D-1 TO D+1:CALL &A00D,FN PO(H,E),SP(26)    >VZ
2030 IF H=X AND E=Y THEN FIN=1                            >XE
2040 NEXT H:FOR T=1 TO 200:NEXT T:FEU=0:TENU=0:TF=28     >XY
2050 FOR H=D-1 TO D+1:CALL &A00D,FN PO(H,E),SP(27)       >RK
2060 JE(H,E)=0:NEXT H:SOUND 4,0,-1,15,3,,30:FOR T=1 TO  >JJ
200:NEXT T
2070 FOR H=D-1 TO D+1:CALL &A00D,FN PO(H,E),SP(1):NEXT  >XW

2080 CALL &A00D,ADD,SP(AC):CALL &A030,FN PO(D,E),SP(28) >PJ
:EI:GOTO 2010
2090 REM :::::::::::::::::::::::::                        >AB
2100 REM :                       :                        >RD
2110 REM :   GESTION COMPTEURS   :                        >ZL
2120 REM :                       :                        >RF
2130 REM :::::::::::::::::::::::::                        >AW
2140 REM ::: TEMPS :::                                    >PG
2150 rt=rt+1:POKE &E0A2+rt,3:POKE &E8A2+rt,3             >ME
2160 IF rt>73 THEN FIN=1:RETURN ELSE RETURN              >MN
2170 REM ::: TAB :::                                      >MP
2180 A$=STR$(TA):A$=RIGHT$(A$,LEN(A$)-1)                 >HN
2190 IF TA=0 THEN A$="000":ZL=24:YL=2:CER=2:GOSUB 500:R >GK
ETURN
2200 IF TA>9 THEN ZL=25:YL=2:CER=2:GOSUB 500:RETURN      >XJ
2210 ZL=26:YL=2:CER=2:GOSUB 500:RETURN                   >HU
2220 REM ::: VIE :::                                      >MZ
2230 A$=STR$(VIE):A$=RIGHT$(A$,LEN(A$)-1)                >JF
2240 IF VIE=0 THEN A$="000":ZL=15:YL=2:CER=2:GOSUB 500: >HW
RETURN
2250 ZL=17:YL=2:CER=2:GOSUB 500:RETURN                   >HY
2260 REM ::: SCORE :::                                    >PW
2270 A$=STR$(SC):A$=RIGHT$(A$,LEN(A$)-1)                 >HP
2280 IF SC=0 THEN A$="00000":ZL=2:YL=2:CER=2:GOSUB 500: >HQ
RETURN
2290 IF SC>999 THEN ZL=2:YL=2:CER=2:GOSUB 500:RETURN    >YD
2300 IF SC>99 THEN ZL=3:YL=2:CER=2:GOSUB 500:RETURN     >XP
2310 IF SC>9 THEN ZL=4:YL=2:CER=2:GOSUB 500:RETURN      >WL
2320 ZL=5:YL=2:CER=2:GOSUB 500:RETURN                    >HA
2330 REM ::: RECORD :::                                   >QG
2340 A$=STR$(REC):A$=RIGHT$(A$,LEN(A$)-1)                >JX
2350 IF REC=0 THEN A$="00000":ZL=35:YL=2:CER=2:GOSUB 50 >LB
0:RETURN
2360 IF REC>999 THEN ZL=35:YL=2:CER=2:GOSUB 500:RETURN  >AD

2370 IF REC>99 THEN ZL=36:YL=2:CER=2:GOSUB 500:RETURN   >ZX

2380 IF REC>9 THEN ZL=37:YL=2:CER=2:GOSUB 500:RETURN    >YR

2390 ZL=38:YL=2:CER=2:GOSUB 500:RETURN                   >HG
2400 FOR H=0 TO 3:MU=REMAIN(H):NEXT                      >DX
2410 REM ::::::::::::::::::::::                           >YT
2420 REM :                    :                           >RG
2430 REM :   FIN DE PARTIE    :                           >TF
2440 REM :                    :                           >RJ
2450 REM ::::::::::::::::::::::                           >YX
2460 IF GAN=0 THEN 2530                                   >QF
2470 FOR H=1 TO 15:SOUND 1,h*50,14,5:NEXT                >HJ
2480 FOR H=RT TO 74:POKE &E0A2+H,3:POKE &E8A2+H,3        >RM
2490 SC=SC+1:NEXT:GOSUB 2270:IF SC>REC THEN REC=SC:GOSU >HK
B 2340
2500 FOR H=1 TO 74:POKE &E0A2+H,0:POKE &E8A2+H,0:NEXT   >WZ

2510 TA=TA+1:GOTO 650                                     >PT
2520 REM ::: PERDU :::                                    >PZ
2530 CALL &A030,ADD,SP(AC):CALL &A00D,FN PO(X,Y),SP(26) >YD
:FOR T=1 TO 200:NEXT
2540 CALL &A00D,FN PO(X,Y),SP(27):FOR T=1 TO 200:NEXT   >WV

2550 BORDER 26:INK 0,26:SOUND 4,1500,50,7,0,0,10        >PN
2560 FOR t=1 TO 2000:NEXT t:BORDER 0:INK 0,0            >KA
2570 SOUND 4,1200,0,0,14,14:SOUND 4,0,20,2,,,10         >NC
2580 FOR h=1000 TO 1500 STEP 100:SOUND 4,h,30,0,15,15:N >AL
EXT
2590 FOR h=1 TO 2000:NEXT :vie=vie-1                     >DY
2600 IF vie=0 THEN TA=0:SC=0:VIE=4:GOSUB 2230:GOSUB 218 >CU
0:GOSUB 2270:GOTO 2500
2610 Y=Y1:TA=TA-1:GOTO 2500                              >WX
2620 REM ::::::::::::::::::::::                           >YW
2630 REM :                    :                           >RK
2640 REM :  DATA 16 TABLEAUX  :                           >VC
2650 REM :                    :                           >TB
2660 REM ::::::::::::::::::::::                           >YA
2670 DATA X4,"55555555555555515555","11131193222231111 >AD
11"
2680 DATA X1,X1,X1,X1,2,15,8,19,8                        >AG
2690 REM ::: TAB 2 :::                                    >NU
2700 DATA X4,"55555515555555515555","1113:111122221111 >ZY
11"
2710 DATA X1,X1,X1,X1,2,10,8,11,8                        >ZV
2720 REM ::: TAB 3 :::                                    >NN
2730 DATA X4,"55555à555555à5555à55","11119116661111111 >AW
11"
```



```
274Ø DATA X1,X1,X1,X1,2,15,8,19,8                    >AD
275Ø REM ::: TAB 4 :::                                >NT
276Ø DATA X4,"55555à555555à5555à55","11119116121313211 1 >AV
11"
277Ø DATA X1,X1,X1,X1,3,7,8,11,8,19,8                >DY
278Ø REM ::: TAB 5 :::                                >NX
279Ø DATA "4555554444444444444","I11111I5555444444444" >XP

28ØØ DATA "1111111111I55554444","11111111111111111I555" >WQ

281Ø DATA "1111111111111116119","X1","X1",Ø           >JM
282Ø REM ::: TAB 6 :::                                >NT
283Ø DATA X4,"AEEEEEEEEEEF4444444","A77777771111F44444 >DE
444"
284Ø DATA "A11111:111119F444444","1111111111169FFFFFF" >XV

285Ø DATA X1,X1,Ø                                     >LQ
286Ø REM ::: TAB 7 :::                                >NY
287Ø DATA "Fà555555555555555à55","F111111111111111161" >XB

288Ø DATA "F111AAAAàAAA:AAA1111","F1111111111111111111" >XQ

289Ø DATA "F8888889888à11111111","X1","X1",Ø          >KP
29ØØ REM ::: TAB 8 :::                                >NU
291Ø DATA "X5","111111111AA1111AA111","111111111AA1111A >CZ
A111"
292Ø DATA "111111111AAIIIIAA111","111111111AADDDDAA111" >YG

293Ø DATA "111111111<<1111<<111","X1",2,6,9,2,9        >MH
294Ø REM ::: TAB 9 :::                                >NZ
295Ø DATA "X5","1111111116666611111A","119111111111CCC >CN
C11A"
296Ø DATA "1119111111CCC111111A","1111CCCCC1111111CC1A" >XH

297Ø DATA "1111111111CCCCC1111A","X1",Ø               >EG
298Ø REM ::: TAB 1Ø :::                               >PM
299Ø DATA "X4","4444444555555à55555","EEEEEEC132231111 >DH
111I"
3ØØØ DATA "1111119111111111116","X1","CCCC111111111111 >BX
1111"
3Ø1Ø DATA "111:1111111111111111",1,18,8               >DW
3Ø2Ø REM ::: TAB 11 :::                               >NG
3Ø3Ø DATA "X4","4554545545à555555555","I11A1A11A1A13213 >DG
DDD6"
3Ø4Ø DATA "111A1A11A1A111111111","111A1A11A1A111111111" >WF

3Ø5Ø DATA "111<1<11<1<111111111","X1",1,15,8          >JQ
3Ø6Ø REM ::: TAB 12 :::                               >PD
3Ø7Ø DATA "X4","5555444444444444444",11115444444444444 >BL
444"
3Ø8Ø DATA "11111544444444444444","111111544444 55à54444" >WJ

3Ø9Ø DATA "111111155555666655à5","X1",Ø               >EH
31ØØ REM ::: TAB 13 :::                               >NH
311Ø DATA "X4","44FEEEEEFEEEEFEEEEEF","44F11111F1111F11 >FA
111F"
312Ø DATA "44F71117F7111FF1111F","44F77777F7717F77111F" >YB

313Ø DATA "55F11111111111111111","X1",Ø               >DV
314Ø REM ::: TAB 14 :::                               >PE
315Ø DATA "44444444444555à5555","4555554444481111DDDD" >XC

316Ø DATA "91111188888811111111D","911111818688111111111" >AY
,"9111118181181111111 1"
317Ø DATA "9111118888881111111","111111<<<<<<11111111" >YC
,Ø
318Ø REM ::: TAB 15 :::                               >PK
319Ø DATA "5555554444444444à555","111111:AAAAAAAAA6131" >XB

32ØØ DATA "1111119AAAAAAA61111","11111111:AAAAAD11111" >BB
,"111111111 9A9:D111111"
321Ø DATA "11111111111D11111111","X1",3,3,9,5,9,18,9   >RG
322Ø REM ::: TAB 16 :::                               >PF
323Ø DATA "X5","1111323113331111123A","1111111111111111 >BP
111A"
324Ø DATA "1111C1111C11C1C1111A","1111CC111C11C1C1111<" >XQ

325Ø DATA "1111C1111C11C1C11111","1111CCC11<11CC211111" >QL
,3,4,9,9,9,16,9■
```

BRIDATA1.BAS

```
5 MEMORY &7FFF:MODE 1
7 LOCATE 1,1Ø:PRINT " DATAS DE LA LIGNE       CORRECTS":PEN 2
1Ø A=&8ØØØ:F=&8B98:L=1ØØ:WHILE A<=F:FOR A=A TO A+15:READ C$:K=V
AL("&"+C$):S=S+K+65536*(S+K>32767):IF A<=F THEN POKE A,K
2Ø NEXT:READ D$:T=VAL("&"+D$):IF T<>S THEN PRINT CHR$(7);"Erreu
r ligne";L:END ELSE L=L+5
25 LOCATE 2Ø,1Ø:PRINT L-5:WEND
1ØØ DATA ØØ,ØØ,ØØ,ØØ,ØØ,ØØ,ØØ,ØØ,ØØ,ØØ,ØØ,ØØ,ØØ,ØØ,ØØ,ØØ,ØØØØ
1Ø5 DATA ØØ,ØØ,ØØ,ØØ,ØØ,ØØ,ØØ,ØØ,ØØ,ØØ,ØØ,ØØ,ØØ,ØØ,ØØ,ØØ,ØØØØ
11Ø DATA ØØ,ØØ,ØØ,ØØ,ØØ,ØØ,ØØ,ØØ,Ø4,ØC,ØØ,ØØ,ØØ,ØØ,Ø4,Ø8,ØØ1C
115 DATA ØØ,48,84,Ø8,ØØ,ØØ,ØØ,48,84,Ø4,CØ,CØ,Ø8,ØØ,ØØ,Ø4,Ø34C
12Ø DATA CØ,84,ØC,CØ,CØ,84,ØØ,ØØ,48,CØ,CØ,CØ,CØ,CØ,84,ØØ,ØB2C
125 DATA ØØ,48,CØ,CØ,CØ,CØ,CØ,CØ,ØC,Ø8,Ø4,CØ,CØ,CØ,48,CØ,1354
13Ø DATA CØ,48,84,ØØ,48,CØ,CØ,84,CØ,ØC,CØ,CØ,ØØ,CØ,CØ,CØ,1BB8
135 DATA CØ,48,CØ,CØ,84,ØØ,48,CØ,84,CØ,48,CØ,48,ØC,ØØ,Ø4,227Ø
14Ø DATA CØ,48,48,CØ,ØC,CØ,Ø8,ØØ,ØØ,48,48,CØ,84,Ø4,84,ØØ,27BØ
145 DATA ØØ,ØØ,Ø4,Ø4,84,84,ØØ,Ø8,ØØ,ØØ,ØØ,ØØ,ØØ,ØØ,Ø8,ØØ,28DØ
15Ø DATA ØØ,ØØ,ØØ,ØØ,ØØ,ØØ,ØØ,Ø4,ØC,ØØ,ØØ,ØØ,ØØ,ØØ,ØØ,ØØ,28EØ
155 DATA ØØ,Ø4,Ø8,ØØ,48,84,Ø8,ØØ,ØØ,ØØ,ØØ,ØØ,ØØ,ØØ,48,84,2A8C
16Ø DATA Ø4,CØ,CØ,Ø8,ØØ,ØØ,ØØ,ØØ,ØØ,ØØ,Ø4,CØ,CØ,84,CØ,CØ,2FAØ
165 DATA 84,ØØ,ØØ,ØØ,ØØ,ØØ,ØØ,48,CØ,CØ,CØ,CØ,CØ,84,ØØ,ØØ,34BØ
17Ø DATA ØØ,ØØ,ØØ,ØØ,48,CØ,CØ,CØ,CØ,CØ,CØ,ØC,Ø8,ØØ,ØC,ØØ,3998
175 DATA ØØ,Ø4,CØ,CØ,CØ,48,CØ,CØ,48,84,Ø4,CØ,Ø8,Ø4,Ø8,48,3F9Ø
18Ø DATA CØ,CØ,84,CØ,ØC,CØ,CØ,48,CØ,Ø8,48,84,CØ,CØ,CØ,CØ,48BC
185 DATA 48,CØ,CØ,84,CØ,84,84,48,CØ,48,CØ,84,CØ,48,CØ,48,5174
19Ø DATA 48,CØ,48,CØ,48,CØ,84,CØ,48,48,CØ,ØC,CØ,CØ,CØ,CØ,5A2C
195 DATA CØ,ØC,CØ,CØ,48,48,CØ,84,Ø4,CØ,84,ØC,84,84,ØØ,48,6ØFØ
2ØØ DATA 84,Ø4,Ø4,84,84,ØØ,48,Ø8,ØØ,Ø8,Ø8,ØØ,Ø4,Ø8,ØØ,ØØ,62FØ
2Ø5 DATA ØØ,Ø8,ØØ,Ø4,ØØ,ØØ,ØØ,ØØ,ØØ,ØØ,ØØ,ØØ,3F,ØØ,ØØ,ØØ,633B
21Ø DATA ØØ,ØØ,ØØ,15,3F,2A,ØØ,ØØ,ØØ,ØØ,ØØ,3F,3F,3F,ØØ,ØØ,6476
215 DATA ØØ,ØØ,ØØ,3F,3F,3F,ØØ,ØØ,ØØ,ØØ,15,3C,3C,3C,2A,ØØ,6626
22Ø DATA ØØ,ØØ,15,3C,3E,3D,2A,ØØ,ØØ,ØØ,15,3C,3E,3D,ØC,ØØ,67F4
225 DATA ØØ,Ø4,ØC,3F,3F,3B,91,Ø8,ØØ,19,CØ,15,3F,11,CØ,26,6B7A
23Ø DATA Ø4,62,CØ,15,3F,4Ø,62,91,ØC,CØ,62,8Ø,ØØ,CØ,62,91,7188
```



```
235 DATA 19,C0,91,C0,62,91,C0,91,19,C0,91,91,91,62,C0,91,7A35
240 DATA 48,C0,33,C0,33,48,C0,33,40,91,62,33,26,C0,91,22,809D
245 DATA 00,C0,33,91,08,33,33,00,00,11,22,33,00,11,22,00,8328
250 DATA 00,04,00,00,00,49,08,00,04,C3,86,00,04,C3,86,00,8617
255 DATA 04,C3,86,00,00,49,86,00,04,C3,C3,08,04,C3,C3,08,8B57
260 DATA 04,C3,C3,08,04,C3,C3,86,49,C3,C3,C3,49,C3,C3,C3,941D
265 DATA 49,C3,C3,C3,C3,C3,C3,C3,C3,C3,86,C3,C3,86,08,9E9E
270 DATA C3,C3,C3,08,49,C3,C3,86,49,C3,C3,86,04,C3,C3,C3,A7E6
275 DATA 49,C3,C3,C3,C3,C3,49,C3,C3,C3,86,C3,C3,C3,49,C3,B26B
280 DATA C3,0C,C3,86,C3,C3,C3,86,49,C3,C3,86,04,86,C3,08,BAFC
285 DATA 00,5D,0C,08,00,55,AA,00,00,55,AA,00,00,55,AA,00,BE6A
290 DATA 00,55,AA,00,00,04,AA,00,00,55,08,00,00,55,AA,00,C173
295 DATA 00,55,AA,00,00,5D,AE,00,04,FF,FF,08,5D,AE,FF,AE,C83F
300 DATA 00,05,20,00,00,05,3A,00,00,05,35,30,00,05,3A,3F,C98B
305 DATA 00,05,1D,30,00,05,08,3F,00,05,08,00,00,05,08,00,CA43
310 DATA 00,14,28,00,00,14,08,00,00,2C,3C,00,00,3C,3C,00,CB7B
315 DATA 14,1C,2C,28,2C,3C,1C,3C,3C,3C,3C,3C,4D,CF,CF,CF,D069
320 DATA 4D,8E,0C,CF,CF,CF,CF,4D,8E,8A,45,4D,CF,08,45,0C,D7AB
325 DATA CF,08,45,CF,CF,08,45,CF,00,00,00,00,00,00,00,00,DB81
330 DATA 00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,DB81
335 DATA 00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,DB81
340 DATA 00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,DB81
345 DATA 00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,DB81
350 DATA 00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,DB81
355 DATA 00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,DB81
360 DATA 04,00,00,00,01,02,00,02,1C,06,01,06,06,03,09,09,DBCE
365 DATA 09,03,16,03,03,16,03,03,00,00,00,00,00,00,00,00,DC12
370 DATA 00,00,00,00,00,00,14,00,00,04,28,00,00,0C,3C,00,DC9A
375 DATA 00,86,28,00,00,82,14,00,00,82,00,00,00,82,00,00,DEE2
380 DATA 00,41,00,82,82,41,41,41,41,41,41,00,41,41,87,05,E2BB
385 DATA 27,C3,47,47,03,43,03,03,F0,F0,58,F0,F0,A4,F0,F0,EB1B
390 DATA F0,A4,F0,F0,F0,F0,58,F0,F0,F0,A4,A4,58,F0,0C,58,F68B
395 DATA A4,0C,F0,F0,F0,F0,58,F0,F0,F0,58,F0,F0,F0,58,F0,0293
400 DATA F0,F0,58,F0,F0,F0,58,F0,F0,F0,A4,F0,58,F0,A4,58,0E9B
405 DATA A4,58,58,A4,F0,A4,F0,F0,C3,C3,C3,C3,C3,C3,C3,C3,1A1F
410 DATA 0C,49,49,49,F0,A4,A4,A4,F0,A4,F0,A4,58,F0,0C,58,22B6
415 DATA A4,0C,F0,F0,F0,F0,58,F0,F0,F0,58,F0,F0,F0,58,F0,2EBE
420 DATA F0,F0,58,F0,F0,F0,58,F0,F0,F0,A4,F0,58,F0,A4,58,3AC6
425 DATA A4,58,58,A4,F0,A4,F0,F0,00,00,00,0C,00,00,00,CF,410D
430 DATA 00,00,00,DF,00,00,00,DF,00,00,0C,AA,00,00,CF,AA,44FA
435 DATA 00,00,DF,00,00,00,DF,00,00,0C,AA,00,00,CF,AA,00,48E7
440 DATA 00,DF,00,00,00,DF,00,00,0C,AA,00,00,CF,AA,00,00,4CD4
445 DATA DF,00,00,00,DF,00,00,00,F3,F3,F3,F3,FF,FF,FF,FF,565A
450 DATA FF,AE,5D,FF,0C,5D,AE,0C,00,55,AA,00,00,55,AA,00,5C84
455 DATA 00,55,08,00,00,55,AA,00,00,55,AA,00,00,55,AA,00,5FDE
460 DATA 00,55,AA,00,00,55,AA,00,00,04,AA,00,00,55,AA,00,6389
465 DATA 00,55,AA,00,00,55,AA,00,33,33,33,22,33,33,33,88,6763
470 DATA 26,0C,0C,88,26,0C,0C,88,66,CC,CC,88,CC,CC,CC,88,6E61
475 DATA 00,00,00,00,11,33,11,33,11,66,11,66,11,4C,11,4C,7091
480 DATA 11,4C,11,4C,11,4C,11,4C,11,4C,11,4C,11,4C,11,4C,7379
485 DATA 11,CC,11,CC,44,CC,44,CC,3F,3F,3F,3F,3F,3F,3F,7E,798A
490 DATA 3F,BF,95,FE,7F,6A,7F,FE,3F,95,FF,FE,6A,7F,FF,FE,8438
495 DATA 3F,FF,FF,7E,7F,FF,BF,D4,7F,FF,6A,7E,7F,BF,95,FE,8F3B
500 DATA 7F,6A,7F,7E,3F,95,BF,FE,6A,7F,7F,7C,3F,BF,BE,7C,97CE
505 DATA 7E,FC,FC,FC,FC,FC,FC,FC,0C,0C,0C,0C,0C,0C,0C,18,9F9C
510 DATA 4C,CC,CC,98,4C,CC,CC,98,4C,30,30,98,4C,30,24,98,A710
515 DATA 4C,64,8C,98,4C,64,8C,98,4C,64,8C,98,4C,64,8C,98,AE60
520 DATA 4C,24,0C,98,4C,0C,0C,98,4C,CC,CC,98,4C,CC,CC,98,B568
525 DATA 18,30,30,30,30,30,30,30,80,00,00,11,80,00,00,11,B7F2
530 DATA 91,33,33,91,80,00,00,11,80,00,00,11,80,00,00,11,BB2D
535 DATA 80,00,00,11,80,00,00,11,80,00,00,11,80,00,00,11,BD71
540 DATA 91,33,33,91,80,00,00,11,80,00,00,11,80,00,00,11,C0AC
545 DATA 80,00,00,11,80,00,00,11,00,00,00,00,00,14,80,00,C262
550 DATA 00,14,80,00,00,14,80,00,00,68,3C,00,00,68,3C,00,C4D2
555 DATA 00,68,3C,00,00,68,3C,00,14,94,3C,28,14,94,3C,28,C832
560 DATA 14,94,3C,28,14,94,3C,28,68,3C,3C,3C,68,3C,3C,3C,CC82
565 DATA 68,3C,3C,3C,FC,FC,FC,FC,00,00,00,00,00,00,00,00,D18E
570 DATA 00,00,15,3F,00,00,00,00,00,00,00,00,55,BF,2A,00,D320
575 DATA 00,14,28,00,00,00,15,FF,BF,00,00,6C,9C,00,00,00,D637
580 DATA 15,3F,3F,2A,15,6C,CC,28,00,00,BF,3F,3F,3F,3F,6E,DA92
585 DATA CC,9C,00,00,FA,3F,FF,FF,FF,FF,CC,FF,3F,00,F5,3F,E46D
590 DATA 3F,3F,3F,3F,FF,3F,3F,3F,FA,2A,14,3C,3D,3F,3F,3F,E993
595 DATA 2A,00,15,2A,15,3F,3F,6E,3E,3C,00,00,00,00,00,3F,EBB6
600 DATA 3F,9D,2A,00,00,00,00,00,15,3F,6E,00,00,00,00,00,ED7E
605 DATA 00,00,44,CC,88,00,00,00,00,00,00,00,15,3F,2A,00,EF94
610 DATA 00,00,00,00,00,00,3F,3F,3F,00,00,00,00,00,00,00,F051
615 DATA 00,00,00,00,00,00,00,00,03,03,03,43,53,03,03,C3,F1B9
620 DATA 03,03,03,C3,03,03,43,C3,01,03,C3,82,41,C3,C3,82,F723
625 DATA 00,C3,C3,00,00,41,82,00,C3,C3,C3,C3,C3,00,00,C3,FDFE
630 DATA 82,11,22,41,82,3C,3C,41,82,3C,3C,41,49,C3,C3,D2,040B
635 DATA A4,0C,F0,F0,F0,F0,58,F0,F0,F0,58,F0,F0,F0,58,F0,1013
640 DATA F0,F0,58,F0,F0,F0,58,F0,F0,F0,A4,F0,58,F0,A4,58,1C1B
645 DATA A4,58,58,A4,F0,A4,F0,F0,DB,F3,CF,F3,2C,4D,F3,CF,2752
650 DATA 2C,CF,CF,CF,2C,CF,CF,CF,2C,CF,CF,CF,2C,CF,CF,E7,31CE
655 DATA 6D,CF,CF,DB,3C,3C,9E,3C,CF,CF,2C,4D,CF,E7,2C,CF,3ACE
660 DATA F3,CF,2C,CF,CF,CF,2C,F3,CF,CF,2C,CF,CF,CF,2C,CF,457A
665 DATA CF,CF,2C,CF,3C,3C,3C,3C,00,E7,A2,00,00,CF,A2,00,4BFD
670 DATA 00,E7,F3,F3,00,E7,CF,67,00,E7,CF,67,00,E7,CF,67,5521
675 DATA 00,E7,E7,F3,00,E7,E7,A2,00,E7,FB,00,00,E7,FB,00,5E16
680 DATA 00,E7,FB,00,00,51,FF,A2,00,51,FF,A2,00,51,FF,A2,65CE
685 DATA 00,51,FF,A2,00,51,FF,A2,C0,88,C0,88,C4,88,C4,88,6EDA
690 DATA CC,88,CC,88,00,00,00,00,40,C4,40,C4,40,CC,40,CC,75A2
695 DATA 44,CC,44,CC,00,00,00,00,C0,88,C0,88,C4,88,C4,88,7CEA
700 DATA CC,88,CC,88,00,00,00,00,40,C4,40,C4,40,CC,40,CC,83B2
705 DATA 44,CC,44,CC,00,00,00,00,00,00,00,00,00,00,00,00,85D2
710 DATA 00,00,00,00,00,46,00,00,00,00,88,00,00,00,88,00,8728
715 DATA 00,00,88,00,00,15,6D,00,00,3D,3C,00,00,3E,3C,8A,89AF
720 DATA 14,3E,3C,28,14,3E,3C,28,14,3E,3C,28,00,3D,3C,8A,8CD4
725 DATA 00,3C,3C,00,00,14,28,00,44,00,44,00,84,08,84,08,8F28
730 DATA 8C,08,8C,08,8C,20,8C,20,86,20,86,20,92,20,92,20,9458
735 DATA 30,20,30,20,10,00,10,00,00,44,00,44,08,84,08,84,96B8
740 DATA 08,8C,08,8C,20,8C,20,8C,20,86,20,86,20,92,20,92,9BE8
745 DATA 20,30,20,30,00,10,00,10,40,C0,C0,80,84,0C,0C,08,9F8C
750 DATA 84,0C,0C,08,84,0C,0C,08,84,0C,0C,08,84,0C,0C,08,A21C
755 DATA 84,0C,0C,08,84,0C,0C,08,00,00,00,00,C0,40,C0,C0,A5E4
760 DATA 0C,40,0C,0C,0C,40,0C,0C,0C,40,0C,0C,0C,40,0C,0C,A774
765 DATA 0C,40,0C,0C,00,00,00,00,00,80,40,00,48,48,84,C0,AA6C
770 DATA 00,80,40,00,00,80,40,00,00,80,40,00,48,48,84,C0,AE80
775 DATA 00,80,40,00,00,80,40,00,00,80,40,00,48,48,84,C0,B294
780 DATA 00,80,40,00,00,80,40,00,00,80,40,00,48,48,84,C0,B6A8
785 DATA 00,80,40,00,00,08,04,00,00,44,88,00,00,88,44,00,B90C
790 DATA 44,00,00,88,88,00,00,44,88,00,00,44,88,00,00,44,BC3C
795 DATA 88,00,00,44,88,00,00,44,88,00,00,44,88,00,00,44,BF6C
800 DATA 88,00,00,44,88,00,00,44,88,00,00,44,44,00,00,88,C29C
805 DATA 00,88,44,00,00,44,88,00,C0,C0,00,C0,C0,C0,00,68,C85C
810 DATA 3C,3C,28,3C,00,00,00,00,40,C0,C0,80,14,C0,C0,80,CD8C
815 DATA 14,3C,3C,28,00,00,00,00,C0,C0,00,C0,C0,C0,00,68,D268
820 DATA 3C,3C,00,3C,00,00,00,00,40,C0,C0,80,14,C0,C0,80,D770
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825 DATA 14,3C,3C,28,00,00,00,00,00,28,00,00,28,14,00,3D,D8C5
830 DATA 00,7F,28,3E,15,3F,28,28,3C,C0,BE,00,3D,C0,3E,28,DD6B
835 DATA 6A,6A,7F,28,7D,3F,95,BF,7D,BF,C0,3F,3C,6A,C0,3E,E4D5
840 DATA 14,C0,95,BE,3D,6A,D5,28,14,6A,3E,28,14,3F,BE,14,EAA9
845 DATA 14,3D,28,00,28,3C,00,28,00,00,00,00,14,00,AA,80,ECEC
850 DATA 00,EA,14,00,80,00,00,14,55,40,3D,40,00,3C,D5,2A,F0CB
855 DATA 14,D5,BE,80,AA,6A,C0,00,00,68,95,3E,94,D5,EA,28,F87C
860 DATA 00,BE,D5,6A,55,40,3D,00,28,00,00,14,40,55,14,00,FC30
865 DATA 55,00,80,40,00,00,00,00,33,33,33,33,22,00,00,11,FE44
870 DATA 22,00,00,11,22,00,00,11,22,00,00,11,22,00,00,11,FF10
875 DATA 22,00,00,11,22,00,00,11,22,00,00,11,22,00,00,11,FFDC
880 DATA 22,00,00,11,22,00,00,11,22,00,00,11,22,00,00,11,00A8
885 DATA 22,00,00,11,33,33,33,33,00,4C,E6,08,59,A6,CC,0C,04B8
890 DATA 4C,D9,00,E6,A6,4C,CC,D9,00,00,00,00,00,F1,73,F1,0BAF
895 DATA 00,F2,F0,08,00,7B,F1,00,B7,7B,08,00,B7,0C,7B,00,117D
900 DATA B7,B7,7B,00,00,EF,08,00,00,EF,08,00,00,6F,08,00,15CB
905 DATA 00,7B,08,00,00,E3,D3,00,00,4C,E6,00,59,A6,CC,00,1B01
910 DATA 4C,D9,00,E6,A6,4C,CC,D9,00,00,00,00,00,F1,73,A0,21A7
915 DATA 00,F2,F0,A2,00,7B,F1,00,B7,7B,00,00,B7,00,7B,00,27FB
920 DATA B7,B7,7B,00,00,EF,00,00,E3,EF,7B,00,E3,E7,7B,00,2F65
925 DATA D3,B7,7B,00,E3,00,C3,00,00,4C,E6,00,59,A6,CC,00,360D
930 DATA 4C,D9,00,E6,A6,4C,CC,D9,00,00,00,00,00,F1,73,F1,3D04
935 DATA 00,F2,F0,00,00,7B,F1,00,B7,7B,00,00,B7,00,7B,00,42B6
940 DATA B7,B7,7B,00,00,EF,7B,00,00,EF,7B,00,00,6F,E3,00,48C5
945 DATA E3,7B,E3,00,00,C3,E3,D3,00,4C,E6,00,59,A6,CC,00,507C
950 DATA 4C,D9,F3,E6,A6,4C,CC,D9,00,00,00,00,00,F1,73,F1,5866
955 DATA 00,F2,F0,00,00,7B,F1,00,00,7B,00,00,00,7F,CF,DB,5E58
960 DATA 00,F7,DB,00,00,3E,00,00,00,3F,00,00,00,3F,00,00,60E6
965 DATA 00,7B,00,00,00,E3,D3,00,00,D9,8C,00,00,CC,59,A6,6647
970 DATA D9,00,E6,8C,E6,CC,8C,59,00,00,00,00,F2,B3,F2,00,6DC0
975 DATA 00,F0,F1,00,00,F2,B7,00,00,00,B7,7B,00,B7,00,7B,73AE
980 DATA 00,B7,7B,7B,00,00,DF,00,00,00,DF,00,00,00,9F,00,77B8
985 DATA 00,00,B7,00,00,E3,D3,00,00,D9,8C,00,00,CC,59,A6,7D55
990 DATA D9,00,E6,8C,E6,CC,8C,59,00,00,00,00,50,B3,F2,00,842C
995 DATA 51,F0,F1,00,00,F2,B7,00,00,00,B7,7B,00,B7,00,7B,8A6B
1000 DATA 00,B7,7B,7B,00,00,DF,00,00,B7,DF,D3,00,B7,DB,D3,91C5
1005 DATA 00,B7,7B,E3,00,C3,00,D3,00,D9,8C,00,00,CC,59,A6,98A0
1010 DATA D9,00,E6,8C,E6,CC,8C,59,00,00,00,00,F2,B3,F2,00,A019
1015 DATA 00,F0,F1,00,00,F2,B7,00,00,00,B7,7B,00,B7,00,7B,A607
1020 DATA 00,B7,7B,7B,00,B7,DF,00,00,B7,DF,00,00,D3,9F,00,AC52
1025 DATA 00,D3,B7,D3,E3,D3,C3,00,00,00,00,00,00,00,00,00,B128
2000 CLS:PRINT " FICHIER LANGAGE MACHINE CORRECT..."
2010 PRINT:PRINT:PRINT
2020 PRINT "UNE TOUCHE POUR LA SAUVEGARDE...."
2030 CALL &BB18
2040 SAVE "SPRILAND",B,&8000,&B98
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BRiDATA2.BAS

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5 MEMORY &7FFF:MODE 1
7 LOCATE 1,10:PRINT " DATAS DE LA LIGNE         CORRECTS":PEN 2
10 A=&9D20:F=&A070:L=100:WHILE A<=F:FOR A=A TO A+15:READ C$:K=V
AL("&"+C$):S=S+K+65536*(S+K>32767):IF A<=F THEN POKE A,K
20 NEXT:READ D$:T=VAL("&"+D$):IF T<>S THEN PRINT CHR$(7);"Erreu
r ligne";L:END ELSE L=L+5
25 LOCATE 20,10:PRINT L-5:WEND
100 DATA DD,5E,00,DD,56,01,DD,6E,02,DD,66,03,06,08,C5,E5,06BA
105 DATA 06,02,1A,77,23,13,10,FA,E1,CD,26,BC,C1,10,EF,C9,0DAC
110 DATA 45,CF,45,CF,40,40,40,40,11,11,11,11,44,CC,00,00,1228
115 DATA 00,8A,45,8A,00,80,00,80,00,22,00,22,44,CC,00,00,15D5
120 DATA 45,CF,45,45,00,40,00,40,00,22,11,00,44,CC,00,00,1936
125 DATA 45,CF,45,45,00,40,00,40,00,33,00,11,44,CC,00,00,1CA8
130 DATA 00,45,00,CF,00,C0,40,40,11,33,00,11,00,44,00,00,1F95
135 DATA 45,CF,45,00,40,00,00,C0,00,11,11,11,44,CC,00,00,2331
140 DATA 45,CF,45,45,40,00,40,C0,11,11,11,11,44,CC,00,00,2763
145 DATA 45,CF,00,45,00,40,00,80,00,22,11,00,44,00,00,00,29F3
150 DATA 45,CF,45,45,40,40,40,C0,11,11,11,11,44,CC,00,00,2E65
155 DATA 45,CF,45,45,40,40,40,C0,00,11,00,11,44,CC,00,00,32B5
160 DATA 00,00,00,00,00,00,00,00,00,AA,00,00,00,28,00,00,3387
165 DATA 00,00,00,00,00,00,00,00,00,AA,00,00,00,28,14,00,346D
170 DATA 00,00,00,00,00,00,00,00,00,00,00,AA,00,28,00,00,353F
175 DATA 00,00,00,00,00,00,00,00,00,00,00,AA,00,28,14,00,3625
180 DATA 00,80,00,80,15,00,00,00,00,00,00,00,00,00,00,00,373A
185 DATA 00,80,40,40,15,15,00,15,00,AA,00,00,00,28,00,00,394B
190 DATA 00,80,00,80,00,2A,00,2A,00,AA,00,00,00,28,00,00,3B71
195 DATA 40,C0,40,C0,15,15,15,15,55,FF,55,55,14,14,00,00,3FEB
200 DATA 40,C0,40,C0,15,15,15,15,55,AA,55,55,14,3C,00,00,4438
205 DATA 40,C0,40,C0,15,00,15,00,55,00,55,00,14,3C,00,00,475C
210 DATA 40,80,40,C0,15,15,15,15,55,55,55,55,14,3C,00,00,4B14
215 DATA 40,C0,40,C0,15,00,15,00,55,AA,55,00,14,3C,00,00,4EE2
220 DATA 40,C0,40,C0,15,00,15,00,55,AA,55,00,14,00,00,00,5274
225 DATA 40,C0,40,C0,15,15,15,00,55,00,55,55,14,3C,00,00,5602
230 DATA 40,40,40,40,15,15,15,15,55,FF,55,55,14,14,00,00,597C
235 DATA 40,C0,00,80,00,2A,00,2A,00,AA,00,AA,14,3C,00,00,5CF4
240 DATA 40,C0,00,80,00,2A,00,2A,00,AA,00,AA,14,28,00,00,6058
245 DATA 40,40,40,40,15,15,15,2A,55,AA,55,55,14,14,00,00,6392
250 DATA 40,00,40,00,15,00,15,00,55,00,55,00,14,3C,00,00,6536
255 DATA 40,40,40,C0,15,3F,15,15,55,55,55,55,14,14,00,00,68B0
260 DATA 40,40,40,40,15,3F,15,3F,55,FF,55,55,14,14,00,00,6C7E
265 DATA 40,C0,40,40,15,15,15,15,55,55,55,55,14,3C,00,00,6FF6
270 DATA 40,C0,40,C0,15,15,15,15,55,FF,55,00,14,00,00,00,7407
275 DATA 40,C0,40,C0,15,15,15,15,55,55,55,55,14,3C,00,28,7827
280 DATA 40,C0,40,C0,15,15,15,15,55,AA,55,55,14,14,00,00,7C4C
285 DATA 40,C0,40,C0,15,00,15,00,55,FF,00,55,14,3C,00,00,806F
290 DATA 40,C0,40,C0,00,2A,00,2A,00,AA,00,AA,00,28,00,00,843F
295 DATA 40,40,40,40,15,15,15,15,55,55,55,55,14,3C,00,00,8737
300 DATA 40,40,40,40,15,15,15,15,55,55,55,55,00,28,00,00,8A07
305 DATA 40,40,40,40,15,15,15,15,55,FF,55,FF,14,14,00,00,8E2B
310 DATA 40,40,40,40,15,15,00,2A,00,AA,55,55,14,14,00,00,90FB
315 DATA 40,40,40,40,15,15,00,2A,00,AA,00,AA,00,28,00,00,93CB
320 DATA 40,C0,00,40,00,15,00,2A,00,AA,55,00,14,3C,00,00,9699
325 DATA 00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,9699
330 DATA 7C,C6,08,67,D0,D5,11,50,C0,19,D1,C9,00,DD,6E,00,9E0E
335 DATA DD,66,01,DD,5E,02,DD,56,03,3E,10,47,C5,D5,3E,04,A436
340 DATA 4F,06,00,ED,B0,EB,E1,CD,00,A0,EB,C1,10,EE,C9,00,ACD4
345 DATA DD,5E,00,DD,56,01,DD,6E,02,DD,66,03,06,10,C5,E5,B396
350 DATA 06,04,1A,AE,77,23,13,10,F9,E1,CD,00,A0,C1,10,EE,BA2B
355 DATA C9,11,00,A4,DD,6E,00,DD,66,01,06,10,C5,E5,06,04,C002
360 DATA 7E,12,13,23,10,FA,E1,CD,00,A0,C1,10,EF,C9,CD,51,C7C7
365 DATA 00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,C7C7
1000 CLS:PRINT "FICHIER LANGAGE MACHINE CORRECT..."
1010 PRINT:PRINT:PRINT
1020 PRINT "UNE TOUCHE POUR LA SAUVEGARDE...."
1030 CALL &BB18
1040 SAVE "ROUTLAND",B,&9D20,&350
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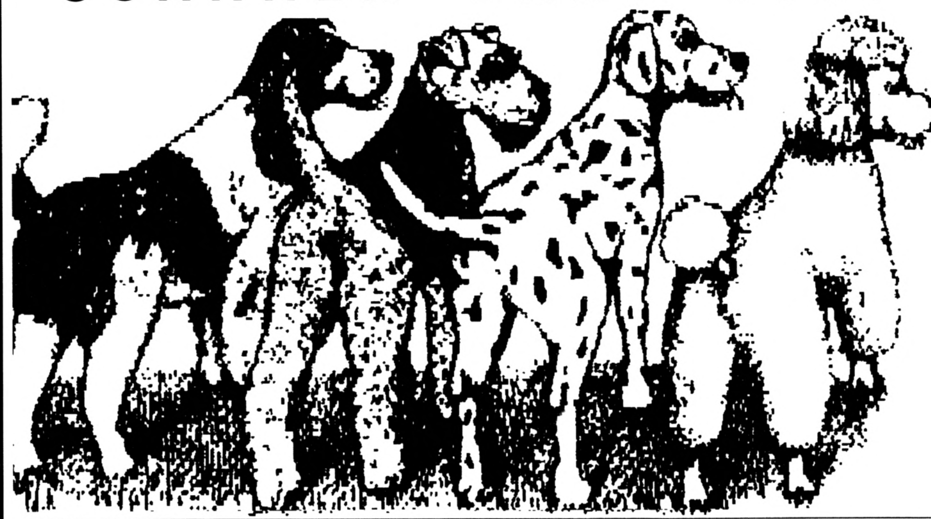
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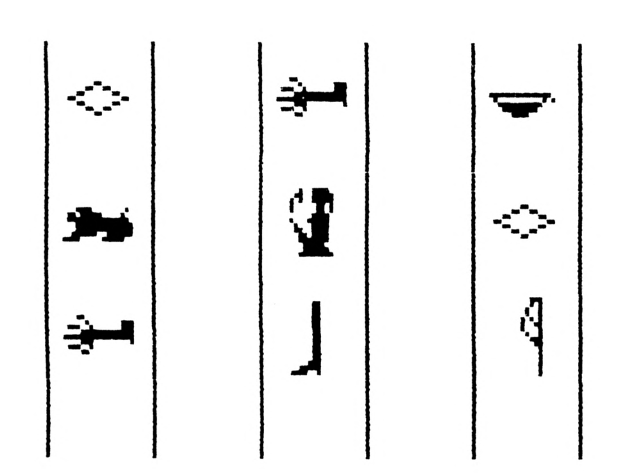
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* **ROMDOS** ET **RAMDOS** SONT DEUX LOGICIELS IDENTIQUES SAUF QUE ROMDOS EST EN ROM ET NÉCESSITE L'UTILISATION D'UN **ROMBOARD** POUR SON INSTALLATION, COMME RODOS.
***RAMDOS** EST LIVRÉ EN DISQUETTE. ILS SONT TOUS COMPATIBLES AVEC **AMSDOS**, **CPM 2.2** ET **CPM +**.
* **RODOS** LIVRÉ EN ROM EST LE PLUS COMPLET, IL OFFRE PLUS DE 50 COMMANDES SUPPLÉMENTAIRES, CONFIGURE AUTOMATIQUEMENT LE DRIVE B, OFFRE UN SILICON DISK, UN BUFFER D'IMPRIMANTE, L'ACCÈS DISK EST **3 FOIS PLUS RAPIDE**, COMPATIBLE AVEC **AMSDOS**, IDÉAL POUR LES UTILISATEURS **EXPÉRIMENTÉS**.
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CHEOPS

Après de nombreuses demandes, voici la routine COPY.BIN qui permet la recopie d'écran pour le logiciel Chéops publié le mois précédent.

PETITS CHEVAUX

J'ai reçu également beaucoup de demandes concernant le jeu des petits chevaux. En fait, il semblerait que le problème provienne de la taille du fichier P3.BAS.
Il est en effet impératif que ce programme ne dépasse pas 25 Ko. Or, il semblerait que la plupart des personnes obtiennent 27 Ko. Pour remédier à ce «défaut», il suffit de sauvegarder le programme en ASCII (SAVE «P3»,A), puis de taper POKE &AC00,1. Rechargez ensuite P3 avec un LOAD «P3». Enfin, sauvez à nouveau, mais cette fois-ci avec SAVE «P3».
Normalement, la taille de P3 aura diminuée et vous pourrez enfin jouer aux petits chevaux.

CHCOPY.BAS

```
10 A=&9AØØ:F=&9E1F:L=1ØØ:WHILE A<=F:FOR A=A TO A+15:READ C$:K=V
AL("&"+C$):S=S+K+65536*(S+K>32767):IF A<=F THEN POKE A,K
2Ø NEXT:READ D$:T=VAL("&"+D$):IF T<>S THEN PRINT CHR$(7);"Erreu
r ligne";L:END ELSE L=L+5:WEND
3Ø SAVE "copy.bin",b,&9AØØ,&41F
1ØØ DATA Ø1,5Ø,9A,21,4C,9A,CD,D1,BC,21,2E,BD,11,D3,9D,Ø1,Ø6DA
1Ø5 DATA Ø3,ØØ,ED,BØ,21,D6,9D,11,2E,BD,Ø1,Ø3,ØØ,ED,BØ,21,ØCCC
11Ø DATA 2B,BD,11,DØ,9D,Ø1,Ø3,ØØ,ED,BØ,21,D9,9D,11,2B,BD,1363
115 DATA Ø1,Ø3,ØØ,ED,BØ,21,43,9A,Ø6,81,ØE,ØØ,11,7D,9A,CD,188C
12Ø DATA D7,BC,C9,F9,B7,FB,B7,ØØ,81,7D,9A,ØØ,36,A5,5Ø,9A,21A7
125 DATA 61,9A,C3,89,9A,C3,13,9C,C3,37,9C,C3,B3,9C,C3,23,2A88
13Ø DATA 9D,43,4F,5Ø,D9,43,4F,4C,4F,D2,5Ø,52,49,4E,54,45,3ØB1
135 DATA D2,54,45,58,D4,53,5Ø,4F,4F,4C,45,D2,ØØ,C5,D5,E5,386B
14Ø DATA F5,CD,8B,9D,F1,E1,D1,C1,C9,FE,Ø6,CØ,DD,6E,ØA,DD,4378
145 DATA 66,ØB,22,FA,9D,DD,6E,Ø6,DD,66,Ø7,22,FE,9D,DD,6E,4B45
15Ø DATA Ø8,DD,66,Ø9,22,FC,9D,DD,6E,Ø4,DD,66,Ø5,22,ØØ,9E,51AB
155 DATA DD,7E,Ø2,32,ØA,9E,DD,7E,ØØ,32,ØB,9E,2A,FC,9D,ED,58C8
16Ø DATA 5B,FA,9D,37,3F,ED,52,D8,2A,FE,9D,ED,5B,ØØ,9E,37,6129
165 DATA 3F,ED,52,D8,2A,FA,9D,22,Ø2,9E,2A,FE,9D,22,Ø4,9E,688B
17Ø DATA CD,A9,9B,CD,BA,9B,3A,Ø8,9E,47,4F,3E,ØØ,32,Ø9,9E,6F4B
175 DATA 32,Ø6,9E,2A,Ø4,9E,ED,5B,Ø2,9E,3A,Ø9,9E,FE,Ø1,2Ø,74D5
18Ø DATA Ø4,37,3F,18,Ø8,C5,CD,FØ,BB,CD,CB,9B,C1,3A,Ø6,9E,7C7E
185 DATA 17,32,Ø6,9E,2A,Ø4,9E,ED,5B,ØØ,9E,37,3F,ED,52,38,82ØA
19Ø DATA Ø5,7C,FE,FF,2Ø,Ø5,3E,Ø1,32,Ø9,9E,2A,Ø4,9E,2B,3A,86F6
195 DATA ØB,9E,FE,ØØ,2Ø,Ø1,2B,22,Ø4,9E,1Ø,B7,3A,Ø7,9E,FE,8C51
2ØØ DATA ØØ,2Ø,ØD,3E,Ø8,91,47,21,Ø6,9E,37,3F,CB,1E,1Ø,FA,9ØCA
2Ø5 DATA 3A,Ø6,9E,CD,ØD,9C,ED,5B,Ø2,9E,2A,FC,9D,37,3F,ED,982C
21Ø DATA 52,28,18,38,16,13,3A,ØA,9E,FE,ØØ,2Ø,Ø1,13,ED,53,9C73
215 DATA Ø2,9E,2A,FE,9D,22,Ø4,9E,C3,E6,9A,3A,Ø8,9E,4F,3A,A348
22Ø DATA ØB,9E,FE,ØØ,2Ø,Ø2,CB,21,Ø6,ØØ,2A,FE,9D,37,3F,ED,A92B
225 DATA 42,22,FE,9D,2A,FA,9D,22,Ø2,9E,3A,Ø9,9E,FE,Ø1,CA,BØ57
23Ø DATA A5,9B,C3,EØ,9A,CD,A9,9B,C9,21,DC,9D,46,78,FE,ØØ,BAØ4
235 DATA C8,23,7E,CD,Ø5,9C,23,1Ø,F9,C9,21,E7,9D,46,78,FE,C231
24Ø DATA ØØ,C8,23,7E,CD,Ø5,9C,23,1Ø,F9,C9,21,ØE,9E,16,ØØ,C7EØ
245 DATA 5F,CB,23,CB,23,CB,23,19,ED,5B,Ø4,9E,3A,ØB,9E,FE,CEED
25Ø DATA ØØ,2Ø,Ø2,CB,2B,16,ØØ,3E,Ø7,A3,5F,19,7E,4F,ED,5B,D39Ø
255 DATA Ø2,9E,3A,ØA,9E,FE,ØØ,2Ø,Ø2,CB,3B,3E,Ø7,A3,47,Ø4,D86B
26Ø DATA CB,11,1Ø,FC,C9,E5,C5,CD,2B,BD,C1,E1,C9,C6,ØØ,CD,E279
265 DATA Ø5,9C,C9,FE,Ø9,CØ,DD,6E,1Ø,CB,25,CB,25,CB,25,26,E9FB
27Ø DATA ØØ,11,ØE,9E,19,DD,22,ØC,9E,ED,5B,ØC,9E,Ø6,Ø8,1A,EE94
275 DATA 77,13,13,23,1Ø,F9,C9,6F,CB,25,2D,2D,26,ØØ,DD,22,F4Ø4
28Ø DATA ØC,9E,ED,5B,ØC,9E,19,22,ØC,9E,5E,4F,7B,FE,ØB,DØ,FA86
285 DATA 79,1C,93,CB,23,16,ØØ,37,3F,ED,52,5E,4F,7B,FE,ØB,ØØ98
29Ø DATA DØ,79,1C,93,CB,23,16,ØØ,37,3F,ED,52,47,7E,FE,Ø6,Ø712
295 DATA D8,FE,Ø8,DØ,78,D6,Ø3,CØ,2A,ØC,9E,46,Ø4,11,E7,9D,ØE84
3ØØ DATA 7E,12,2B,2B,13,1Ø,F9,46,Ø4,11,DC,9D,7E,12,2B,2B,134Ø
3Ø5 DATA 13,1Ø,F9,7E,32,Ø8,9E,2B,2B,7E,32,ØE,9C,2B,2B,7E,1836
31Ø DATA 32,Ø7,9E,FE,ØØ,28,Ø6,3E,17,32,1Ø,9B,C9,3E,1F,32,1CC3
315 DATA 1Ø,9B,C9,FE,Ø4,CØ,DD,7E,Ø6,FE,Ø1,D8,32,FA,9D,DD,25D7
32Ø DATA 7E,Ø2,FE,Ø1,D8,32,FE,9D,DD,7E,Ø4,FE,51,DØ,32,FC,2EA7
325 DATA 9D,DD,7E,ØØ,FE,1A,DØ,32,ØØ,9E,3A,FE,9D,4F,3A,ØØ,35B5
33Ø DATA 9E,91,D8,4F,ØC,3A,FA,9D,47,3A,FC,9D,9Ø,D8,47,Ø4,3DB5
335 DATA ED,43,ØC,9E,3A,FE,9D,CD,72,BB,3A,FA,9D,F5,CD,6F,476Ø
34Ø DATA BB,CD,6Ø,BB,FE,2Ø,3Ø,Ø2,3E,2Ø,CD,Ø5,9C,F1,3C,1Ø,4E5C
345 DATA EC,CD,A9,9B,ED,4B,ØC,9E,ØD,C8,3A,FE,9D,3C,32,FE,5751
35Ø DATA 9D,18,CD,FE,Ø3,CØ,DD,6E,Ø2,DD,66,Ø3,DD,5E,Ø4,DD,5F43
355 DATA 56,Ø5,3E,A3,BC,D8,BA,D8,E5,37,ED,52,E1,D8,ED,53,68F9
36Ø DATA F4,9D,22,F2,9D,ED,53,F8,9D,13,ED,53,F6,9D,DD,7E,7351
365 DATA ØØ,32,8C,9D,C9,2A,F6,9D,ED,5B,F8,9D,37,3F,ED,52,7BC4
37Ø DATA 37,C8,3F,C9,37,F5,C5,D5,E5,CD,55,9D,38,FB,2A,F6,85Ø8
375 DATA 9D,77,23,22,F6,9D,ED,5B,F2,9D,37,3F,ED,52,2Ø,Ø6,8D26
38Ø DATA 2A,F4,9D,22,F6,9D,E1,D1,C1,F1,C9,Ø6,Ø8,2A,F6,9D,968E
385 DATA ED,5B,F8,9D,37,ED,52,C8,2A,F8,9D,23,22,F8,9D,ED,AØ2F
39Ø DATA 5B,F2,9D,37,3F,ED,52,28,13,2A,F8,9D,7E,C5,CD,D3,A8AB
395 DATA 9D,C1,38,12,C5,CD,DØ,9D,C1,1Ø,D2,C9,2A,F4,9D,2B,B1A4
4ØØ DATA 22,F8,9D,C3,8D,9D,2A,F8,9D,2B,22,F8,9D,1Ø,BE,C9,BA8Ø
4Ø5 DATA CF,1B,88,CF,58,88,C3,55,9D,C3,64,9D,Ø1,ØA,ØØ,ØØ,C125
41Ø DATA ØØ,ØØ,ØØ,ØØ,ØØ,ØØ,ØØ,Ø7,1B,31,1B,2A,Ø4,7F,Ø2,ØØ,C242
415 DATA ØØ,ØØ,ØØ,9A,3Ø,92,FØ,97,EF,97,Ø1,ØØ,5Ø,Ø2,18,FF,C815
42Ø DATA 18,ØØ,ØØ,ØØ,FA,FF,ØØ,Ø1,Ø7,Ø1,Ø1,Ø1,Ø1,5Ø,1Ø,2Ø,CAB2
425 DATA 4Ø,8Ø,Ø1,Ø2,Ø4,Ø8,FF,FF,FF,FF,FF,FF,FF,FF,ØØ,ØØ,D379
```



DISCPACK

P. POCHON

Valable pour CPC 464

DESASSEMBLER

Permet le désassemblage du Système d'Exploitation, du BASIC, de la ROM Disc ou d'un programme binaire (longueur max. 33024 octets, tous USER sauf &E5).

• Renseignements :
Nom de la zone du programme desassemblé.
Début, Start, Longueur et fin de la zone.
L'adresse désassemblée, le code HEXA et ASCII, l'ordre assembleur.

• Les touches :
(↓) - desassemblage adresses croissantes.
(↑) - desassemblage adresses décroissantes si l'adresse a déjà été désassemblée auparavant (690 ordres gardés en mémoire).
(COPY) - Arrêt désassemblage / Choix des options.

• Les options:
(J) - Saut à une adresse de la zone.
(R) - Recherche d'octets HEXA/ASCII à partir de l'adresse courante +1 et sur toute la zone.
(D) - Retour au désassemblage.
(A) - Désassemblage automatique (une touche pourPAUSE puis (COPY) pour l'arrêt du désassemblage automatique ou une autre touche pour le faire continuer).
(M) - MENU DESASSEMBLEUR/Choix de la zone à désassembler.

DESASSEMBLEUR nécessite le chargement de DISCPACK.PR2. Donc gardez la disquette programme dans le lecteur. Il est le seul programme qui ne puisse revenir au MENU PRINCIPAL. Si l'adresse Start est incluse dans la zone à désassembler, le désassemblage commence par cette adresse.

CATALOGUE

Affiche le vrai catalogue, par USER et par ordre alphabétique par pages de 13 fichiers.

• Renseignements :
Le format
Le nombre de fichiers
et de fichiers effacés
La place libre
sur la disquette
} mise à jour immédiate
User / Nom / Extention / Type (BAS, BASp, BIN, BINp, ASCII)
L'état (RW/RO, DIR/SYS/Effacé)
La longueur sur la disquette en KO
Le numéro du premier bloc (pour le Header)
Le début, la Longueur réelle et le Start du fichier pointé

• Les touches :
(↑) (↓) - déplacer le curseur pour pointer un fichier
(W) - permutation RW/RO
(D) - permutation DIR/SYS si User ≠&E5
(U) - changer User si User ≠&E5
(E) - permutation Effacer/Restaurer
(R) - Renommer
(I) - Changer l'implantation mémoire (sauf fichiers ASCII)
(P) - Nouvelle page de 13 fichiers
(S) - Sauvegarder le nouveau catalogue (après confimations)
(A) - Autre disquette
(M) - MENU PRINCIPAL

RESTRUCTURER UNE DISQUETTE

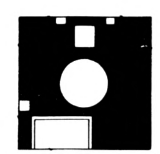
Un choix de 4 programmes est à la disposition de l'utilisateur :

• Formatage :
Formatage DATA, Vendor, IBM en 41 pistes

• Correction cat :
Formatage du catalogue, Tri des fichiers par User et ordre alphabétique, élimination des fichiers effacés et des noms bidons, Correction des noms modifiés, Transformation en RW et DIR. Permet de passer des catalogues TAPEZ RUN»DISK» au catalogue normal.

• Défragmentation :
Tri du catalogue et élimination des fichiers effacés, réaffectation dans l'ordre de tous les blocs de la disquette au nouveau catalogue avec formatage de tous les blocs qui ne correspondent plus à un fichier. Cette restructuration de l'occupation disc permet une Edition disc plus facile (toutes les pistes qui se suivent appartiennent au même fichier jusqu'à la fin de celui-ci) et une copie plus rapide (les copieurs comme Discology reconnaissent les pistes vierges).
ATTENTION : Tous les blocs doivent être standards (test rapide effectué) et le catalogue doit correspondre à l'occupation disc (pas de disquettes plombées du commerce). Toute erreur détruit la disquette !!!

• Déprotection :



Le programme détermine lui-même si le fichier Basic doit être protégé (id. à SAVE»NOM»,p) ou déprotégé.

EXPLORER UNE DISQUETTE

Un choix de 3 programmes est à la disposition de l'utilisateur :

• Capacité utile :
Condamnation, par la création d'un fichier bidon UTILISE, de tous les blocs non vierges, non standards, non chargeables et défectueux de la disquette. Permet de redonner à l'utilisateur l'étendue utilisable de ses disquettes plombées (ex. DISK.BAS 1K FREE 177K) ou des disquettes défectueuses sans risque d'effacer ou de perdre des données.

• Occupation disc :
Donne l'occupation disquette et de tous les fichiers. (M) pour le retour au MENU EXPLORATION, (→) (←) (↓) (↑) pour déplacer le curseur, (G) pour «geler» ou «dégeler» le fichier actuellement représenté en carrés lumineux sur les carrés sombres.

• Exploration :
Exploration complète de toutes les pistes. Les secteurs sont représentés par [N] pour normal et conforme au format catalogue, [0] à [5] pour les secteurs non standards (le chiffre indique la taille), [?] pour les non standards de taille supérieure à 5, [K] pour indiquer que tous les secteurs ne sont pas représentés (plus de 10 secteurs), (←) (→) dé-

---

Attention, les deux listings Basic, DISCPACK.BAS et DISCPACK.PR2, contiennent des symboles spéciaux qui ne peuvent être imprimés de manière simple.

Vous trouverez donc plus bas, un tableau contenant les différents symboles, la manière de les obtenir, les lignes auxquelles on peut les trouver et les symboles qui les remplacent dans le listing publié.

⊖ = CTRL+R (O dans le listing DISCPACK.BAS) lignes 80, 110, 250, 255, 260, 270, 400, 405, 730, 750, 830, 870, 1230, 1245, 1335, 1405, 1640, 1710, 1780, 1815. Listing DISCPACK.PR2, lignes : 80, 115, 185

Ω = CTRL+G (H dans le listing) lignes 275, 540, 1925. Listing DISCPACK.PR2, lignes 55, 60, 125, 160, 190.

← = CTRL+H (- dans le listing DISCPACK.BAS) ligne 755.

↓ = CTRL+J (I dans le listing DISCPACK.BAS) lignes 200, 755

↑ = CTRL+K (^ dans le listing DISCPACK.BAS) ligne 195

X = CTRL+X (X dans le listing DISCPACK.BAS) lignes 55, 75, 455, 580, 1080, 1110, 1140, 1255, 1340, 1415.

▒ = PRINT CHR$(127) (M dans le listing DISCPACK.BAS) lignes 330, 420, 1485, 1630, 1680, 1700, 1905. Listing DISCPACK.PR2, lignes 40, 115, 150, 175.

☻ = PRINT CHR$(224) (W dans le listing DISCPACK.BAS) lignes 955, 1115, 1145, 1260, 1315, 1355, 1345, 1535, 1555.

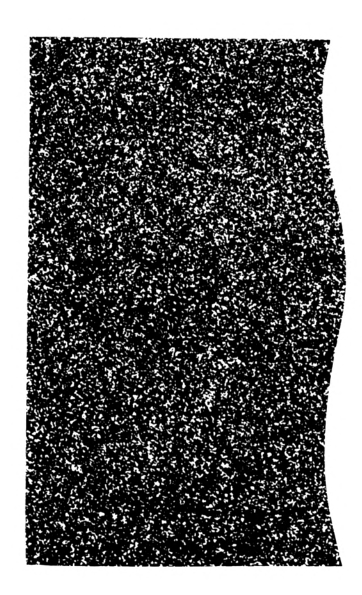
↑ = PRINT CHR$(240)

↓ = PRINT CHR$(241)

← = PRINT CHR$(242)

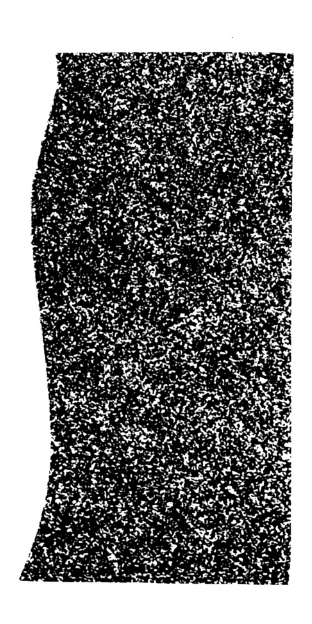
→ = PRINT CHR$(243)

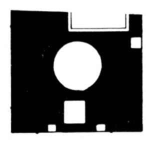
Les autres symboles graphiques s'obtiennent par des PRINT CHR$ avec des numéros de 145 à 159 (consultez votre manuel). Vous trouverez une reproduction agrandie des lignes contenant ces symboles. Utilisez-la pour re-créer les encadrements figurés par des «+» et des «-» dans le listing.



```
30 CLS#2:CLS:CLEAR:GOSUB 1065 LIST:CLS#2
:LOCATE#1,2,1:PRINT#1,STRING$(48,"─"):LO
CATE#1,2,15:PRINT#1,STRING$(48,"─")
55 CLS:LOCATE#1,1,1:PRINT#1,"┌── ADR ──┬─
─CODE ───┬─ ASCI ─┬──── DESASSEMBLAGE ────┐"
:LOCATE#1,1,15:PRINT#1,"└────────────┴──
──────┴──────":LOCATE#1,53,3:PRINT#1,"X DES
ASSEMBLER UN PROGRAMME ";"X"
75 LOCATE#1,53,3:PRINT#1,"X CATALOGUE D'
UNE DISQUETTE ";"X":LOCATE#1,1,1:PRINT#1
,"┌─Us.──┬─FICHIERS.EXT─┬─TYPE──┬──ETATS──
┬─Ko──┬─Bl1─┐":LOCATE#1,1,15:PRINT#1,"└──
──┴──────┴────────┴────────┴────────┴────
──────────┘"
725 PRINT:PRINT"        ┌┬┬┬┬┬┬┬┬┬┬┬┬┬┬┬┬┐
┼┼┼┼┼┼┼┼┼┼┼┼┼┼┼┼┼┼┼┤":FOR t=9 TO 1 STE
P-1:PRINT USING" #┤";t;:PRINT SPACE$(42)
;"│":NEXT:PRINT"
└┴┴┴┴┴┴┴┴┴┴┴┴┴┴┴┴┴┴┴┴┴┴┘":PRINT"     0
    10          20          30          40";
```

```
850 CLS:PRINT"   ";CHR$(157);SPACE$(42);C
HR$(149):FOR t=9 TO 1 STEP-1:PRINT USING
" #┤";t;:PRINT SPACE$(42);"│":NEXT:PRINT
"└┴┴┴┴┴┴┴┴┴┴┴┴┴┴┴┴┴┴┴┴┴┴┴┴┴┴┴┴┴┴┴┴┴┴┴┴┴┴┴
┴┴┴┴┴┴┴┘"
1440 CLS:LOCATE#1,1,1:PRINT#1,"┌── ADR ──┬
── CODE ───┬─ ASCI ─┬──── DESASSEMBLAGE ────
┐":LOCATE#1,1,15:PRINT#1,"└──────────────
──────────────┘":CALL &81A7
```







```
195 x$=UPPER$(INKEY$):IF x$="P"THEN 220
ELSE IF x$="A"THEN 80 ELSE IF x$="↑"AND
f>1 THEN t=-1:GOTO 225 ELSE IF x$="W"THE
N 210 ELSE IF x$="D"THEN 215
200 IF x$="↓"AND f<13 AND p<PEEK(&FFD0)T
HEN t=1:GOTO 225 ELSE IF x$="E"THEN 230
ELSE IF x$="R"THEN 320 ELSE IF x$="S"THE
N 350 ELSE IF x$="M"THEN 25 ELSE IF x$="
U"AND PEEK(z)<>&E5 THEN 410
780 x$=UPPER$(INKEY$):IF x$="←"THEN GOSU
B 800:pst=pst-1:GOSUB 815:GOSUB 795 ELSE
 IF x$="→"THEN GOSUB 800:pst=pst+1:GOSUB
 815:GOSUB 795 ELSE IF x$="↑"THEN GOSUB
800:sct=sct+1:GOSUB 810:GOSUB 795 ELSE I
F x$="↓"THEN GOSUB 800:sct=sct-1:GOSUB 8
10:GOSUB 795
940 pst=0:LOCATE 4,12:PRINT"↑":GOSUB 970

945 x$=UPPER$(INKEY$):IF x$="←"AND pst>0
 THEN LOCATE 4+pst,12:PRINT" ":pst=pst-1
:LOCATE 4+pst,12:PRINT"↑":GOSUB 970
Ready
save "s1",b,&c000,&4000


950 IF x$="→"AND pst<41 THEN LOCATE 4+ps
t,12:PRINT" ":pst=pst+1:LOCATE 4+pst,12:
PRINT"↑":GOSUB 970
1115 x$=UPPER$(INKEY$):IF x$="←"THEN pst
=pst-1:GOSUB 1300:GOTO 1110 ELSE IF x$="
→"THEN pst=pst+1:GOSUB 1300:GOTO 1110 EL
SE IF x$="☻"THEN LOCATE#2,10,2:PRINT#2,U
SING"##";pst ELSE IF x$="M"THEN 1085 ELS
E 1115
1145 x$=UPPER$(INKEY$):IF x$="←"THEN sc=
sc-1:GOSUB 1220:GOTO 1140 ELSE IF x$="→"
THEN sc=sc+1:GOSUB 1220:GOTO 1140 ELSE I
F x$="☻"THEN adr=0 ELSE IF x$="M"THEN 11
05 ELSE 1145
1260 x$=UPPER$(INKEY$):IF x$="←"THEN bl=
bl-1:GOSUB 1410:GOTO 1255 ELSE IF x$="→"
THEN bl=bl+1:GOSUB 1410:GOTO 1255 ELSE I
F x$="☻"THEN adr=0 ELSE IF x$="M"THEN 10
85 ELSE 1260
Ready
save "s2",b,&c000,&4000


1315 x$=UPPER$(INKEY$):IF x$=""THEN 1315
 ELSE IF x$="↑"AND adr>0 THEN adr=adr-8:
POKE &B285,0:CALL &EFA7,adr ELSE IF x$="
↓"AND adr+104<l THEN adr=adr+8:POKE &B28
5,14:CALL &EFA7,adr+96 ELSE IF x$="☻"THE
N 1325 ELSE IF INSTR("MLESPR",x$)<>0 THE
N RETURN
1330 x$=UPPER$(INKEY$):IF x$=""THEN 1330
 ELSE IF x$="↑"AND ec=0 THEN GOSUB 1375:
li=li-1:GOSUB 1385:GOSUB 1370 ELSE IF x$
="↓"AND ec=0 THEN GOSUB 1375:li=li+1:GOS
UB 1385:GOSUB 1370
1335 IF x$="←"AND ec=0 THEN GOSUB 1375:c
o=co-1:GOSUB 1380:GOSUB 1370 ELSE IF x$=
"→"AND ec=0 THEN GOSUB 1375:co=co+1:GOSU
B 1380:GOSUB 1370
1350 x$=INKEY$:IF x$="←"THEN GOSUB 1395:
co=co-1:GOSUB 1380:GOSUB 1415 ELSE IF x$
="→"THEN GOSUB 1395:co=co+1:GOSUB 1380:G
OSUB 1415 ELSE IF x$="↑"THEN GOSUB 1395:
li=li-1:GOSUB 1385:GOSUB 1415 ELSE IF x$
="↓"THEN GOSUB 1395:li=li+1:GOSUB 1385:G
OSUB 1415


1470 CLS:LOCATE#1,2,1:PRINT#1,STRING$(48
,"-"):LOCATE#1,2,15:PRINT#1,STRING$(48,"
-"):CALL &81A7:CALL &BB03:GOTO 1310
1530 x$=INKEY$:IF x$="↑"THEN GOSUB 1570:
li1=li1-1:GOSUB 1585:GOSUB 1565 ELSE IF
x$="↓"THEN GOSUB 1570:li1=li1+1:GOSUB 15
90:GOSUB 1565 ELSE IF x$="←"AND col>0 TH
EN GOSUB 1570:col=col-1:GOSUB 1565 ELSE
IF x$="→"AND col<7 THEN GOSUB 1570:col=c
ol+1:GOSUB 1565
1550 x$=INKEY$:IF x$="↑"AND adr2-8+li2*8
+co2>=adr1+li1*8+col THEN GOSUB 1580:li2
=li2-1:GOSUB 1600:GOSUB 1575 ELSE IF x$=
"↓"THEN GOSUB 1580:li2=li2+1:GOSUB 1600:
GOSUB 1575
Ready
save "s4",b,&c000,&4000


1555 IF x$="→"AND co2<7 THEN GOSUB 1580:
co2=co2+1:GOSUB 1575 ELSE IF x$="←"AND a
dr2-1+li2*8+co2>=adr1+li1*8+col AND co2>
0 THEN GOSUB 1580:co2=co2-1:GOSUB 1575 E
LSE IF x$="☻"THEN RETURN
1565 LOCATE 7+col*3,li1+1:PRINT"→";:LOCA
TE#2,9,9:PRINT#2,HEX$(adr1+li1*8+col,4):
RETURN
1575 LOCATE 10+co2*3,li2+1:PRINT"←";:LOC
ATE#2,9,10:PRINT#2,HEX$(adr2+li2*8+co2,4
):LOCATE#2,9,11:PRINT#2,HEX$(adr2+li2*8+
co2-adr1-li1*8-col+1,4);:RETURN
1600 IF li2=-1 THEN li2=0:adr2=adr2-8:PO
KE &B285,0:CALL &EFA7,adr2:IF adr2=adr1+
li1*8 THEN LOCATE 7+col*3,1:PRINT"→";:RE
TURN
```

place le curseur (indication piste et secteurs/piste), (COPY) donne le détail de la piste (No sect..., piste, head, nom sect..., taille, DE pour Data Erreur, BH pour Bad Head), (C) effectue un test chargement de chaque secteur ([E] secteur effacé, [/] secteur défectueux ou non chargeable), (M) pour le retour au MENU EXPLORATION.

EDITER UNE DISQUETTE

Choisir entre éditer par piste/secteur, par bloc ou par fichier. ( ) ( ) (COPY) pour sélectionner le bloc, la piste ou le secteur. (M) permet d'annuler le dernier choix et de remonter au choix précédent jusqu'au MENU EDITEUR.

• Touches édition :

(↑) (↓) - Défilement de la page édition

(COPY) - Ecriture HEXA / Ecriture ASCII / fin d'écriture.

(↑) (↓) (←) (→) pour déplacer le curseur

(S) - Bloc ou secteur suivant

(P) - Bloc ou secteur précédent

(L)(E) - Lire ou Ecrire sur disc (écrire secteur effacé possible)

(D) - Désassembler à partir de l'adresse courante. Pour l'édition programme, adressage bloc ou adresse réelle du programme. (COPY) pour retour à l'édition.

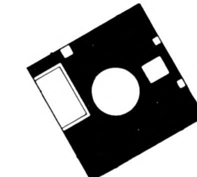
(R) - Recherche d'octets HEXA ou ASCII sur le secteur, la piste, la disquette, le bloc ou le programme selon le choix initial (à partir de l'adresse courante +1). (A) pour arrêter la recherche.

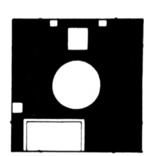
(B) - Copie en mémoire d'une zone éditée. (↑) (↓) (←) (→) et (COPY) pour sélectionner l'étendue de la zone.

(C) - Copie sur la zone éditée d'une zone mémoire. Mêmes touches pour sélectionner l'étendue de la zone destination.

(F) - Remplir une zone éditée avec un octet. Mêmes touches pour sélectionner l'étendue de la zone destination.

(Z) - Remise à zéro de la zone mémoire.

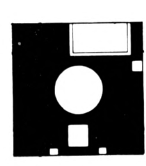




DISCPACK . BAS

```
5 SPEED KEY 10,1:KEY DEF 66,0,0,0,0:POKE &BE78,255:POKE >AG
 &BE66,1:MEMORY &7D7F
10 MODE 2:LOAD"discpack.cod":LOAD"discpack.scr"          >BQ
15 WINDOW#1,2,49,2,14:PAPER#1,0:PEN#1,1:WINDOW#2,51,80, >KD
5,15:PAPER#2,0:PEN#2,1:WINDOW#3,5,44,4,12
20 WINDOW SWAP 1,0                                        >MA
25 '                                                      >LG
30 CLS#2:CLS:CLEAR:GOSUB 1065:CLS#2:LOCATE#1,2,1:PRINT# >PR
1,STRING$(48,""):LOCATE#1,2,15:PRINT#1,STRING$(48,"")

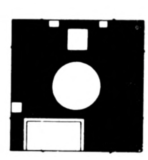
35 LOCATE#1,53,3:PRINT#1,"X        MENU PRINCIPAL       " >TX
;"X":PRINT" * * D I S C P A C K  Version CPC 464 + DDI
* * "
40 PRINT:PRINT" Faites votre choix :":PRINT:PRINT"'1§ - >CW
 Desassembleur PROGRAMME / ROM.":PRINT"'2§ - Catalogue
d'une disquette.":PRINT"'3§ - Restructurer une disquett
e.":PRINT"'4§ - Explorer une disquette.":PRINT"'5§ - Ed
iter une disquette."
45 x$=INKEY$:IF x$="1"THEN 55 ELSE IF x$="2"THEN 75 ELS >ZW
E IF x$="3"THEN 455 ELSE IF x$="4"THEN 575 ELSE IF x$="
5"THEN 1075 ELSE 45
50 '                                                      >LE
55 CLS:LOCATE#1,1,1:PRINT#1,"+--ADR--+---CODE---+-ASCI- >LM
+----DESASSEMBLAGE-----+":LOCATE#1,1,15:PRINT#1,"+-----
--+---------+-----+":LOCATE#1,53,3:PRINT#1,"X DESASSEM
BLER UN PROGRAMME ";"X"
60 RESTORE 60:FOR t=6 TO 11:READ a$:LOCATE#1,52,t:PRINT >PJ
#1,a$:NEXT:DATA "Prog. :"," ","Debut :","Start :","Long
. :","Fin   :"
65 POKE &FFB7,&25:CALL &E7CE:RUN"DISCPACK.PR2"           >QW
70 '                                                      >LG
75 LOCATE#1,53,3:PRINT#1,"X CATALOGUE D'UNE DISQUETTE " >NG
;"X":LOCATE#1,1,1:PRINT#1,"+-Us.-+-FICHIERS.EXT-+-TYPE-
+--ETATS--+-Ko-+-Bl1-+":LOCATE#1,1,15:PRINT#1,"+-----+-
-------------+------+---------+-----+----+"
80 CLS:CLEAR:GOSUB 1065:RESTORE 80:FOR t=6 TO 12:READ a >VP
$:LOCATE#1,52,t:PRINT#1,a$:NEXT:DATA "Type format:0","N
b fichiers:0","Place libre:0"," ","Debut :0","Start :0"
,"Long. :0"
85 POKE &DD81,&C9:POKE &DF4D,0:POKE &D7E2,&FF            >MF
90 m$="Introduire la disquette a etudier.":GOSUB 285:CA >EL
LL &DD50:IF PEEK(&FFC7)>0 THEN GOSUB 275:IF e=&48 THEN
80 ELSE 25
95 CALL &D7C1:IF PEEK(&FFD0)<>0 THEN CALL &DE53          >NW
100 LOCATE#1,64,6:IF PEEK(&FFD3)=&C1 THEN PRINT#1," DAT >AK
A":pmax=178 ELSE IF PEEK(&FFD3)=&41 THEN pmax=169:PRINT
#1," Vendor"ELSE IF PEEK(&FFD3)=&1 THEN pmax=154:PRINT#
1," IBM"ELSE pmax=0:PRINT" Non reconnu"
105 GOSUB 400                                             >GK
110 IF PEEK(&FFDA)=0 THEN m$="Disquette vierge.0":GOSUB >WH
 285:GOTO 25
115 DIM k(PEEK(&FFD0)+1):p=1:t=1                          >AB
120 IF PEEK(39392+p*32+12))0 THEN p=p+1:GOTO 120 ELSE k >LX
(t)=p:p=p+1
125 IF t=PEEK(&FFD0)THEN k(t+1)=PEEK(&FFDA)+1 ELSE t=t+ >LY
1:GOTO 120
130 pp=0:CLS                                              >JF
135 p=pp*13+1:FOR f=1 TO 13                               >UG
140 IF p>PEEK(&FFD0)THEN 190 ELSE z=39392+k(p)*32        >RY
145 LOCATE 2,f:PRINT"&";HEX$(PEEK(z),2);:LOCATE 8,f      >WD
150 FOR t=1 TO 8:PRINT CHR$(PEEK(z+t)AND 127);:NEXT:PRI >HD
NT".";
155 GOSUB 290                                             >JB
160 GOSUB 300                                             >GK
165 LOCATE 19,f:PRINT CHR$(PEEK(z+11)AND 127);           >PV
170 LOCATE 39,f:PRINT USING"###K";PEEK(z+17);            >PM
175 LOCATE 45,f:PRINT"&";HEX$(PEEK(z+16),2);             >NX
180 LOCATE 23,f:IF PEEK(z+31)=255 THEN PRINT" ? ";:GOTO >DW
 190
185 IF PEEK(z+18)=0 AND PEEK(z+19)=0 THEN GOSUB 310 ELS >KV
E PRINT"ASCI";:POKE z+18,255
190 p=p+1:NEXT:CALL &BB03:LOCATE 1,1:PRINT">":p=pp*13+1 >VF
:GOSUB 255:f=1
195 x$=UPPER$(INKEY$):IF x$="P"THEN 220 ELSE IF x$="A"T >NL
HEN 80 ELSE IF x$="^"AND f>1 THEN t=-1:GOTO 225 ELSE IF
 x$="V"THEN 210 ELSE IF x$="D"THEN 215
200 IF x$="!"AND f<13 AND p<PEEK(&FFD0)THEN t=1:GOTO 22 >WV
5 ELSE IF x$="E"THEN 230 ELSE IF x$="R"THEN 320 ELSE IF
 x$="S"THEN 350 ELSE IF x$="M"THEN 25 ELSE IF x$="U"AND
 PEEK(z)<>&E5 THEN 410
205 IF x$="I"AND PEEK(z+18)<255 AND PEEK(z+31)<255 THEN >LY
 430 ELSE 195
210 t=PEEK(z+9)XOR 128:FOR a=0 TO k(p+1)-k(p)-1:POKE z+ >BG
9+a*32,t:POKE z+9-2048+a*32,t:NEXT:GOSUB 290:GOTO 195
215 t=PEEK(z+10)XOR 128:FOR a=0 TO k(p+1)-k(p)-1:POKE z >FU
+10+a*32,t:POKE z+10-2048+a*32,t:NEXT:GOSUB 300:GOTO 19
5
220 pp=pp+1:IF pp*13+1>PEEK(&FFD0)THEN 130 ELSE CLS:GOT >EZ
0 135
225 LOCATE 1,f:PRINT" ";:f=f+t:LOCATE 1,f:PRINT">":p=p+ >CG
t:GOSUB 255:GOTO 195
230 t=PEEK(z)XOR &E5:IF t<>0 AND t<>&E5 THEN t=&E5      >RY
235 LOCATE 2,f:PRINT"&";HEX$(t,2);:FOR a=0 TO k(p+1)-k( >AJ
p)-1:POKE z+a*32,t:POKE z-2048+a*32,t:NEXT:GOSUB 300
240 IF t=&E5 THEN POKE &FFDD,PEEK(&FFDD)+1:POKE &FFD1,P >PA
EEK(&FFD1)-PEEK(z+17)ELSE POKE &FFDD,PEEK(&FFDD)-1:POKE
 &FFD1,PEEK(&FFD1)+PEEK(z+17)
245 GOSUB 400:GOTO 195                                    >QQ
250 LOCATE#1,2,16:PRINT#1,m$;"O":RETURN                   >JK
255 z=39392+k(p)*32:IF PEEK(z+31)=255 THEN FOR t=10 TO  >YV
12:LOCATE#1,60,t:PRINT#1," !? : Erreur secteurO":NEXT:R
ETURN
260 IF PEEK(z+18)=255 THEN FOR t=10 TO 12:LOCATE#1,60,t >LP
:PRINT#1," ?O":NEXT:RETURN
265 t=10:z1=PEEK(z+23)+PEEK(z+24)*256:GOSUB 270:t=12:z1 >ZJ
=PEEK(z+26)+PEEK(z+27)*256:GOSUB 270:t=11:z1=PEEK(z+28)
+PEEK(z+29)*256:GOSUB 270:RETURN
270 LOCATE#1,60,t:PRINT#1,"&";HEX$(z1,4);" (";z1;")O":R >GW
ETURN
275 e=PEEK(&FFC7):IF e=&48 THEN m$="Pas de disc dans le >KM
 lecteur !H"ELSE IF e=&41 THEN m$="Piste non formatee !
H"ELSE IF e=&42 THEN m$="Disc protege en ecriture !H"EL
SE IF e=&44 THEN m$="Format non standard !H"ELSE m$="Er
reur de disquette !H"
280 POKE &BB5A,&C9:CALL &E7BD:POKE &BB5A,&CF:POKE &FFC7 >BV
```



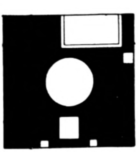
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,Ø
285 GOSUB 25Ø:CALL &BBØ3:CALL &BB18:m$="":GOSUB 25Ø:RET >DH
URN
29Ø LOCATE 17,f:PRINT CHR$(PEEK(z+9)AND 127);:LOCATE 3Ø >CD
,f:IF PEEK(z+9)>&7F THEN PRINT"R/O";ELSE PRINT"R/W";
295 RETURN                                                >AB
3ØØ LOCATE 18,f:PRINT CHR$(PEEK(z+1Ø)AND 127);:LOCATE 3 >YE
4,f:IF PEEK(z)=&E5 THEN PRINT"Eff"ELSE IF PEEK(z+1Ø)>&7
F THEN PRINT"SYS";ELSE PRINT"DIR";
3Ø5 RETURN                                                >ZD
31Ø LOCATE 23,f:IF PEEK(z+2Ø)=Ø THEN PRINT"BAS";ELSE IF >HK
 PEEK(z+2Ø)=1 THEN PRINT"BASp";ELSE IF PEEK(z+2Ø)=2 THE
N PRINT"BIN";ELSE IF PEEK(z+2Ø)=3 THEN PRINT"BINp";ELSE
 PRINT"ASCI";:POKE z+18,255
315 RETURN                                                >ZE
32Ø m$="Nouveau nom  :":GOSUB 25Ø:c$="":a=Ø:CALL &BBØ3  >BW
325 d$=LEFT$(c$+SPACE$(11),11):LOCATE#1,17,16:PRINT#1,L >UN
EFT$(d$,8);".";RIGHT$(d$,3):IF a<11 THEN LOCATE#1,17+a-
(a>7),16:PRINT#1,"_"
33Ø x$=UPPER$(INKEY$):IF x$="M"AND a>Ø THEN a=a-1:c$=LE >FK
FT$(c$,a):GOTO 325 ELSE IF x$=CHR$(13)THEN 335 ELSE IF
x$="."THEN a=8:c$=LEFT$(c$+SPACE$(8),8):GOTO 325 ELSE I
F x$>CHR$(31)AND x$<"a"AND a<11 THEN c$=c$+x$:a=a+1:GOT
O 325 ELSE 33Ø
335 m$="":GOSUB 25Ø:IF c$=""THEN 195 ELSE c$=LEFT$(c$+S >NX
PACE$(11),11)
34Ø LOCATE 8,f:PRINT LEFT$(c$,8);".";RIGHT$(c$,3);:FOR  >ZK
a=Ø TO k(p+1)-k(p)-1:FOR b=1 TO 11:POKE z+b+a*32,ASC(MI
D$(c$,b,1)):POKE z-2Ø48+b+a*32,ASC(MID$(c$,b,1)):NEXT:N
EXT
345 GOSUB 29Ø:GOSUB 3ØØ:GOTO 195                          >ZL
35Ø m$="Sauvegarde du nouveau catalogue ? (O/N)":GOSUB  >RR
25Ø
355 x$=UPPER$(INKEY$):IF x$="N"THEN m$="":GOSUB 25Ø:GOT >KZ
O 195 ELSE IF x$<>"O"THEN 355
36Ø POKE &FFC7,Ø:POKE &DE33,&85:CALL &DD5Ø:IF PEEK(&FFC >JC
7)>Ø THEN GOSUB 275:GOTO 395
365 POKE &FFCB,&82:POKE &DE33,&84:t=1                     >EG
37Ø z2=39392+k(t)*32:IF PEEK(z2+3Ø)=255 THEN POKE &FFCC >PM
,PEEK(z2+16):CALL &DFA1 ELSE 39Ø
375 IF PEEK(&FFC7)>Ø THEN GOSUB 275:GOTO 395              >LZ
38Ø z1=PEEK(&8244)*256+PEEK(&8243)-PEEK(&8215)-PEEK(&82 >JU
16)+PEEK(z2+23)+PEEK(z2+24):POKE &8215,PEEK(z2+23):POKE
 &8216,PEEK(z2+24):POKE &8244,INT(z1/256):POKE &8243,z1
-PEEK(&8244)*256
385 POKE &DE33,&85:CALL &DFA1:POKE &DE33,&84:IF PEEK(&F >ME
FC7)>Ø THEN GOSUB 275:GOTO 395
39Ø t=t+1:IF t<=PEEK(&FFDØ)THEN 37Ø                       >CX
395 m$="":GOSUB 25Ø:GOTO 195                              >VV
4ØØ w=pmax-PEEK(&FFD1):LOCATE#1,64,8:IF p<Ø THEN PRINT# >NM
1," ?O"ELSE PRINT#1,w;"KoO"
4Ø5 LOCATE#1,64,7:w=PEEK(&FFDØ)-PEEK(&FFDD):PRINT#1,w;" >UW
+";PEEK(&FFDD);"EffO":RETURN
41Ø m$="Nouveau User (sauf &e5): &__":GOSUB 25Ø:a$=""   >DE
415 x$=UPPER$(INKEY$):IF x$=""THEN 415 ELSE IF INSTR("Ø >QH
1234567989ABCDEF",x$)<>Ø AND LEN(a$)<2 THEN a$=a$+x$:LO
CATE#1,28,16:PRINT#1,a$:GOTO 415
42Ø IF x$="M"THEN 41Ø ELSE IF x$=CHR$(13)AND LEN(a$)=2  >QB
THEN 425 ELSE 415
425 IF VAL("&"+a$)=&E5 THEN 41Ø ELSE POKE z,VAL("&"+a$) >MT
:POKE z-2Ø48,VAL("&"+a$):LOCATE 2,f:PRINT"&";HEX$(PEEK(
z),2);:m$="":GOSUB 25Ø:GOTO 195
43Ø m$="Nouvelle implantation : &____":GOSUB 25Ø:a$=""  >JX
435 x$=UPPER$(INKEY$):IF x$=""THEN 435 ELSE IF INSTR("Ø >QQ
1234567989ABCDEF",x$)<>Ø AND LEN(a$)<4 THEN a$=a$+x$:LO
CATE#1,27,16:PRINT#1,a$:GOTO 435
44Ø IF x$="M"THEN 43Ø ELSE IF x$=CHR$(13)AND LEN(a$)=4  >QM
THEN 445 ELSE 435
445 m$="":GOSUB 25Ø:z1=VAL("&"+a$)-(VAL("&"+a$)<Ø)*6553 >LK
6:IF PEEK(z+23)+PEEK(z+24)*256=z1 THEN 195 ELSE POKE z+
3Ø,255:POKE z+24,INT(z1/256):POKE z+23,z1-PEEK(z+24)*25
6:GOSUB 265:GOTO 195
45Ø '                                                     >RK
455 CLS:LOCATE#1,53,3:PRINT#1,"X RESTRUCTURER LA DISQUE >RN
TTE ";"X"
46Ø CLEAR:GOSUB 1Ø65:POKE &DD81,&C9                       >CX
465 PRINT"Faites votre choix :"                           >GE
47Ø PRINT:PRINT"'1§ - Formatage disquette.":PRINT"'2§ - >MY
 Corriger catalogue bidon.":PRINT"'3§ - Refragmenter di
squette.":PRINT"'4§ - Proteger/deproteger fichier Basic
.":PRINT"'M§ - Menu principal."
475 x$=UPPER$(INKEY$):IF x$="1"THEN 48Ø ELSE IF x$="2"T >WR
HEN 515 ELSE IF x$="3"THEN 535 ELSE IF x$="M"THEN 25 EL
SE IF x$="4"THEN 1895 ELSE 475
48Ø p=9:CLS:PRINT"Type de format (formatage 41 pistes)  >HB
:":PRINT:PRINT"'D§ - Data Only":PRINT"'V§ - Vendor":PRI
NT"'I§ - IBM"
485 x$=UPPER$(INKEY$):IF x$="D"THEN a=&CØ ELSE IF x$="V >KM
"THEN a=&4Ø ELSE IF x$="I"THEN a=Ø:p=8 ELSE 485
49Ø POKE &FFCB,&9A:POKE &FFC8,Ø:POKE &FFC9,a+1:POKE &FF >KJ
DC,p:POKE &DE33,&86:IF p=9 THEN RESTORE 565 ELSE RESTOR
E 57Ø
495 FOR t=Ø TO 4Ø:POKE &9AØØ+t,Ø:NEXT:FOR t=1 TO p:READ >WT
 c:POKE &9AØ2+(t-1)*4,a+c:POKE &9AØ3+(t-1)*4,2:NEXT
5ØØ m$="Inserrer la disquette a formater, non protegee  >EA
en ecriture.":GOSUB 285
5Ø5 CLS:PRINT"Traitement Piste :     /&29":LOCATE 1,1    >CM
51Ø POKE &A8AØ,p:CALL &E6E4:IF PEEK(&FFC7)>Ø THEN GOSUB >ZW
 275:GOTO 455 ELSE 455
515 CLS:m$="Inserer la disquette a modifier, non proteg >HE
ee en ecriture.":GOSUB 285
52Ø CALL &DD5Ø:IF PEEK(&FFC7)>Ø THEN GOSUB 275:GOTO 455 >YQ

525 CALL &D7C1:IF PEEK(&FFDØ)=Ø THEN m$="Pas de catalog >PY
ue .":GOSUB 285:GOTO 455 ELSE POKE &DE33,&85:POKE &DD57
,&9A
53Ø CALL &DD5Ø:IF PEEK(&FFC7)>Ø THEN GOSUB 275:GOTO 455 >GB
 ELSE 455
535 CLS:m$="Inserer la disquette a restructurer, non pr >ME
otegee en ecriture.":GOSUB 285:POKE &DF4D,Ø
54Ø CALL &E55Ø:IF PEEK(&FFC7)>Ø THEN GOSUB 275:GOTO 455 >CC
 ELSE IF PEEK(&FFDØ)=255 THEN m$="Disquette non standar
d DATA ou Vendor .Operation impossible ! ":GOSUB 285:GO
TO 455
545 CALL &DD5Ø:IF PEEK(&FFC7)>Ø THEN GOSUB 275:GOTO 455 >YY

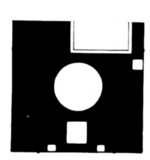
55Ø CALL &D7C1:IF PEEK(&FFDØ)=Ø THEN m$="Pas de catalog >KA
ue .":GOSUB 285:GOTO 455
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555 PRINT"Traitement Bloc  :      /";:IF PEEK(&FFD2)=0 TH >TV
EN PRINT"&B3"ELSE PRINT"&AA"
560 LOCATE 1,1:CALL &E586:IF PEEK(&FFC7)>0 THEN GOSUB 2 >XC
75:GOTO 455 ELSE 455
565 DATA 1,6,2,7,3,8,4,9,5                              >TK
570 DATA 1,5,2,6,3,7,4,8                                >QH
575 '                                                   >TH
580 CLS:CLS#2:CLEAR:GOSUB 1065:POKE &DD81,&C9:LOCATE#1, >AL
53,3:PRINT#1,"XEXPLORATION D'UNE DISQUETTE";"X"
585 PRINT"Faites votre choix :":PRINT:PRINT"'1§ - Capac >ZU
ite d'une disquette protegee.":PRINT"'2§ - Occupation p
ar bloc.":PRINT"'3§ - Exploration par piste.":PRINT"'M§
 - Menu principal."
590 x$=UPPER$(INKEY$):IF x$="1"THEN 595 ELSE IF x$="2"T >EE
HEN 720 ELSE IF x$="3"THEN 850 ELSE IF x$="M"THEN 25 EL
SE 590
595 FOR t=&A200 TO &A2B6:POKE t,0:NEXT:CLS:m$="Introdui >LV
re la disquette a analyser.":GOSUB 285:CALL &DD50
600 IF PEEK(&FFC7)>0 THEN GOSUB 275:GOTO 580 ELSE IF PE >UX
EK(&FFD2)=1 THEN m$="Format IBM. Operation non permise
.":GOSUB 285:GOTO 580 ELSE IF PEEK(&FFD2)=0 THEN POKE &
FFD8,&B4:v=178 ELSE POKE &FFD8,&AB:v=169
605 CALL &D7C1:l=0:FOR z=39440 TO 41456 STEP 32:IF PEEK >RT
(z)<&E5 THEN FOR t=0 TO 15:l=l-(PEEK(z+t)>0):NEXT
606 NEXT                                                >EH
610 m$="Voulez vous un formatage des pistes non formate >PL
es ?":GOSUB 250
615 x$=UPPER$(INKEY$):IF x$="N"THEN m$="":GOSUB 250:GOT >KR
O 640 ELSE IF x$<>"O"THEN 615
620 m$="":GOSUB 250:FOR t=&A300 TO &A328:POKE t,0:NEXT: >WG
RESTORE 620:FOR t=1 TO 9:READ c:POKE &A302+(t-1)*4,PEEK
(&FFD3)+c:POKE &A303+(t-1)*4,2:NEXT:DATA 0,5,1,6,2,7,3,
8,4
625 POKE &FFC8,0:POKE &FFC9,PEEK(&FFD3):PRINT"Test form >YT
at piste :  /&29";:CALL &DFAF
630 IF PEEK(&FFC7)>0 THEN GOSUB 275:GOTO 580            >LN
635 PRINT                                               >PG
640 PRINT"Test bloc courant :   /&";HEX$(PEEK(&FFD8)-1) >XG
;:CALL &E746
645 CLS:PRINT"Place libre :":PRINT"Catalogue :";64-PEEK >CV
(&FFD0);"fichiers":PRINT"Disquette :";PEEK(&FFD1);"Ko"
650 v=v-PEEK(&FFD1)-l:f=INT(v/16)+1:IF v=0 OR f+PEEK(&F >WP
FD0)>64 THEN m$="Conforme au catalogue.":GOSUB 285:GOTO
 580
655 m$="Voulez vous la sauvegarde du catalogue modifie  >JW
?":GOSUB 250
660 x$=UPPER$(INKEY$):IF x$="N"THEN 580 ELSE IF x$<>"O" >HT
THEN 660
665 m$="":GOSUB 250:z=&9A00+PEEK(&FFD0)*32:z2=&A202:POK >DX
E z2-2+PEEK(&FFD8),255
670 FOR t=0 TO f-1:RESTORE 670:FOR k=0 TO 15:READ c:POK >JJ
E z+k,c:NEXT:POKE z+12,t:DATA 0,85,84,73,76,73,83,69,32
,32,32,32,0,0,0,0
675 n=0                                                 >QD
680 IF PEEK(z2)=1 THEN n=n+1:POKE z+15+n,z2-&A200       >RC
685 IF PEEK(z2)=255 THEN 700 ELSE z2=z2+1               >GU
690 IF n=16 THEN POKE z+15,&80 ELSE 680                 >DJ
695 z=z+32:NEXT                                         >LW
700 POKE z+15,n*8                                       >LD
705 n=n+1:IF n=17 THEN 710 ELSE POKE z+15+n,0:GOTO 705  >WW
710 POKE &DD57,&9A:POKE &FFC7,0:POKE &DE33,&85:CALL &DD >AY
50
715 IF PEEK(&FFC7)>0 THEN GOSUB 275:GOTO 655 ELSE 580   >VW
720 CLS:SYMBOL 255,1,1,1,1,1,1,1,255:SYMBOL 254,168,84, >MD
168,84,168,84,168,0:SYMBOL 253,254,254,254,254,254,254,
254,0
725 PRINT:PRINT"  +++++++++++++++++++++++++++++++++++ >CK
+++++++":FOR t=9 TO 1 STEP-1:PRINT USING" #+";t;:PRINT
SPACE$(42);"!":NEXT:PRINT"  +++++++++++++++++++++++++
++++++++++++++++++":PRINT"   0          10         20
   30         40";
730 CLS#3:RESTORE 730:FOR t=6 TO 15:READ a$:LOCATE#1,52 >CB
,t:PRINT#1,a$:NEXT:DATA "Format   :0","Fichiers :0","In
occupe :0"," ","Piste    :0","Secteur  :0","Bloc     :0
"," ","Nom Prog.:0","Longueur :0"
735 m$="Introduire la disquette a analyser.":GOSUB 285: >BL
CALL &DD50
740 IF PEEK(&FFC7)>0 THEN GOSUB 275:GOTO 580            >LQ
745 CALL &D7C1:IF PEEK(&FFD0)<>0 THEN CALL &ED50        >PJ
750 LOCATE#1,62,6:IF PEEK(&FFD3)=&C1 THEN PRINT#1," DAT >WT
A0":pmax=178 ELSE IF PEEK(&FFD3)=&41 THEN pmax=169:PRIN
T#1," Vendor0"ELSE pmax=154:PRINT#1," IBM0"
755 LOCATE 4+PEEK(&FFD2),8:PRINT"d-!i-!r-!"             >PR
760 LOCATE#1,62,7:PRINT#1,PEEK(&FFD0):LOCATE#1,62,8:PRI >PA
NT#1,pmax-PEEK(&FFD1);"Ko"
765 IF PEEK(&FFD0)=0 THEN m$="Disquette vierge .":GOSUB >XJ
 285:GOTO 575
770 POKE &FFE1,254:FOR t=1 TO PEEK(&FFD0):POKE &FFE0,t: >UG
CALL &EDB5:NEXT
775 LOCATE 1,1:PRINT CHR$(23)+CHR$(1):pst=PEEK(&FFD2):s >LQ
ct=1:GOSUB 795:cd=0:gel=0
780 x$=UPPER$(INKEY$):IF x$="-"THEN GOSUB 800:pst=pst-1 >VY
:GOSUB 815:GOSUB 795 ELSE IF x$="-"THEN GOSUB 800:pst=p
st+1:GOSUB 815:GOSUB 795 ELSE IF x$="-"THEN GOSUB 800:s
ct=sct+1:GOSUB 810:GOSUB 795 ELSE IF x$="-"THEN GOSUB 8
00:sct=sct-1:GOSUB 810:GOSUB 795
785 IF x$="G"THEN GOSUB 840 ELSE IF x$="M"THEN 575 ELSE >UH
 IF x$="Y"THEN 1020
790 GOTO 780                                            >AH
795 blc=INT(((pst-PEEK(&FFD2))*9+sct-1)/2):LOCATE#1,62, >EU
10:PRINT#1,pst:LOCATE#1,62,11:PRINT#1,"&";HEX$(PEEK(&FF
D3)+sct-1):LOCATE#1,62,12:PRINT#1,"&";HEX$(blc,2):IF PE
EK(&9200+blc)<>cd THEN GOSUB 825
800 TAG:MOVE 32+pst*8,206+sct*16:PRINT CHR$(255);:TAGOF >CB
F
805 RETURN                                              >ZJ
810 IF sct=10 THEN sct=1:pst=pst+1 ELSE IF sct=0 THEN s >UN
ct=9:pst=pst-1
815 IF pst<PEEK(&FFD2)THEN pst=39 ELSE IF pst>39 THEN p >TC
st=PEEK(&FFD2)
820 RETURN                                              >ZF
825 IF gel=1 THEN RETURN ELSE IF cd=0 THEN 830 ELSE POK >VN
E &FFE0,cd:POKE &FFE1,254:CALL &EDB5
830 cd=PEEK(&9200+blc):IF cd<>0 THEN POKE &FFE0,cd:POKE >CP
 &FFE1,253:CALL &EDB5:LOCATE#1,62,15:PRINT#1,PEEK(&FFE2
);"Ko0":CALL &EE08 ELSE LOCATE#1,62,14:PRINT#1,"0":LOCA
TE#1,62,15:PRINT#1,"0"
835 RETURN                                              >AB
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840 IF gel=0 THEN gel=1:LOCATE 45,1:PRINT"Gel":RETURN   >AC
845 gel=0:LOCATE 45,1:PRINT"   ":IF PEEK(&9200+blc)<>cd >DV
 THEN GOSUB 800:GOSUB 825:GOSUB 800:RETURN ELSE RETURN
850 CLS:PRINT"  ";CHR$(157);SPACE$(42);CHR$(149):FOR t= >ZD
9 TO 1 STEP-1:PRINT USING" #+";t;:PRINT SPACE$(42);"!":
NEXT:PRINT"  ++++++++++++++++++++++++++++++++++++++++
++"
855 SYMBOL 255,126,90,74,82,90,90,126,0:SYMBOL 254,8,64 >UW
,72,96,104,120,126,0:SYMBOL 253,126,102,90,90,90,102,12
6,0:SYMBOL 252,126,118,102,118,118,118,126,0:SYMBOL 251
,126,102,90,118,110,66,126,0:SYMBOL 250,126,66,122,102,
122,70,126,0
860 SYMBOL 249,126,118,110,90,66,122,126,0:SYMBOL 248,1 >LJ
26,66,94,70,122,70,126,0:SYMBOL 247,126,70,122,102,110,
110,126,0:SYMBOL 246,126,70,94,78,94,70,126,0:SYMBOL 24
5,126,122,114,102,78,94,126,0
865 m$="Introduire la disquette a analyser.":GOSUB 285: >KB
LOCATE 1,13:PRINT"Exploration piste:    /&29";:LOCATE 1
,13
870 CALL &EEED:IF PEEK(&FFC7)>0 THEN GOSUB 275:GOTO 580 >JF
 ELSE LOCATE 1,13:PRINT"0";
875 LOCATE 1,13:PRINT"Format:          Piste:     Secteu >JK
rs:";:LOCATE 9,13:IF PEEK(&A89F)=&41 THEN PRINT"Vendor"
;ELSE IF PEEK(&A89F)=&C1 THEN PRINT"DATA";ELSE PRINT"IB
M";
880 pst=0:z=33280:ref=PEEK(&A89F)                       >CR
885 n=PEEK(z):IF n=255 THEN z=z+1:GOTO 935              >KB
890 IF n>10 THEN LOCATE pst+4,1:PRINT CHR$(254);:mx=9 E >JA
LSE mx=n
895 z=z+1:FOR t=1 TO mx                                 >RG
900 IF PEEK(z)<>pst THEN s=253-PEEK(z+3):GOTO 925       >TV
905 IF PEEK(z+1)>0 THEN s=253-PEEK(z+3):GOTO 925        >QL
910 IF ABS(PEEK(z+2)-ref)>8 THEN s=253-PEEK(z+3):GOTO 9 >BD
25
915 IF PEEK(z+3)<>2 THEN s=253-PEEK(z+3):GOTO 925       >RY
920 s=255                                               >DG
925 LOCATE pst+4,11-t:PRINT CHR$(MAX(247,s));           >PG
930 z=z+4:NEXT:z=z+4*(n-mx)                             >XC
935 pst=pst+1:IF pst<42 THEN 885                        >AU
940 pst=0:LOCATE 4,12:PRINT"!":GOSUB 970                >JD
945 x$=UPPER$(INKEY$):IF x$="-"AND pst>0 THEN LOCATE 4+ >UY
pst,12:PRINT" ":pst=pst-1:LOCATE 4+pst,12:PRINT"!":GOSU
B 970
950 IF x$="-"AND pst<41 THEN LOCATE 4+pst,12:PRINT" ":p >NR
st=pst+1:LOCATE 4+pst,12:PRINT"!":GOSUB 970
955 IF x$="W"AND PEEK(z)<>255 THEN 975                  >ER
960 IF x$="M"THEN 575 ELSE IF x$="C"THEN 1020           >KU
965 GOTO 945                                            >BE
970 CALL &EF2B,pst:z=PEEK(&FFCB)*256+PEEK(&FFCA):LOCATE >GM
 23,13:PRINT USING"##";pst;:LOCATE 37,13:IF PEEK(z)=255
 THEN PRINT" No format.";:RETURN ELSE PRINT USING"##
      ";PEEK(z);:RETURN
975 CLS#2:PRINT#2:PRINT#2,"No Pt Hd Sc Lg  Warning";    >DQ
980 z2=z+1                                              >PF
985 k=0:FOR t=1 TO PEEK(z)                              >UQ
990 PRINT#2:PRINT#2,USING"## çç çç çç çç  ";t;HEX$(PEEK >GE
(z2),2);HEX$(PEEK(z2+1),2);HEX$(PEEK(z2+2),2);HEX$(PEEK
(z2+3),2);
995 IF PEEK(z2)<>pst OR PEEK(z2+3)>5 THEN PRINT#2,"DE " >AU
;
1000 IF PEEK(z2+1)<>0 THEN PRINT#2,"BH";                >GV
1005 z2=z2+4:k=k+1:IF k=9 THEN IF t<PEEK(z)THEN CALL &B >LM
B03:CALL &BB18:CLS#2:PRINT#2:PRINT#2,"No Pt Hd Sc Lg  W
arning";:k=0
1010 NEXT                                               >KD
1015 CALL &BB03:CALL &BB18:CLS#2:GOTO 945               >HN
1020 a=pst:pst=0:z=33280:LOCATE 37,13:PRINT"            >BZ
";
1025 LOCATE 23,13:PRINT USING"##";pst;:n=PEEK(z):IF n=2 >ZN
55 THEN z=z+1:GOTO 1060 ELSE POKE &FFC8,pst:CALL &EF49:
OUT &FA7E,1
1030 z=z+1:FOR t=1 TO MIN(n,10)                         >YR
1035 OUT &FB7F,&46:OUT &FB7F,0:OUT &FB7F,pst:OUT &FB7F, >JK
0:OUT &FB7F,PEEK(z+2):OUT &FB7F,PEEK(z+3):OUT &FB7F,PEE
K(z+2):OUT &FB7F,42:OUT &FB7F,PEEK(z+3):CALL &EF71
1040 r0=INP(&FB7F):r1=INP(&FB7F):r2=INP(&FB7F):FOR i=1  >FC
TO 4:k=INP(&FB7F):NEXT
1045 IF r0=64 AND r2=0 AND r1=128 THEN 1055 ELSE IF r0= >WZ
0 AND r2=64 AND r1=0 THEN s=246 ELSE s=245
1050 IF t<10 THEN LOCATE 4+pst,11-t:PRINT CHR$(s);ELSE  >MZ
IF n=10 THEN LOCATE 4+pst,11-t:PRINT CHR$(s);
1055 z=z+4:NEXT:IF n>10 THEN z=z+4*(n-10)               >JX
1060 pst=pst+1:IF pst<42 THEN 1025 ELSE pst=a:GOSUB 970 >KK
:GOTO 945
1065 DEFINT a-y:m$="":GOSUB 250                         >YX
1070 POKE &FFC6,0:POKE &FFC7,0:POKE &FFCA,0:POKE &FFCB, >DR
&92:POKE &FFD0,0:POKE &FFD1,0:POKE &FFDA,0:POKE &FFDD,0
:POKE &FFDF,0:POKE &FFE2,0:POKE &DD81,&21:POKE &DE33,&8
4:POKE &DD57,&92:POKE &DF4D,&77:POKE &D7E2,&E5:RETURN
1075 '                                                  >YF
1080 LOCATE#1,53,3:PRINT#1,"XEDITER/DUMPER UNE DISQUETT >MH
E";"X"
1085 CLS:CLS#2:CLEAR:GOSUB 1065:POKE &DD81,&C9:PRINT"Fa >JE
ites votre choix :"
1090 PRINT:PRINT"'1§ - Editer une piste.":PRINT"'2§ - E >KD
diter un bloc.":PRINT"'3§ - Editer un programme.":PRINT
"'M§ - Menu principal."
1095 x$=UPPER$(INKEY$):IF x$="M"THEN 25 ELSE IF x$="1"T >NH
HEN 1100 ELSE IF x$="2"THEN 1235 ELSE IF x$="3"THEN 147
5 ELSE 1095
1100 CLS:pst=0                                          >BE
1105 GOSUB 1365:GOSUB 1435                              >UE
1110 LOCATE#2,10,2:PRINT#2,USING"X##X";pst              >MB
1115 x$=UPPER$(INKEY$):IF x$="-"THEN pst=pst-1:GOSUB 13 >KA
00:GOTO 1110 ELSE IF x$="-"THEN pst=pst+1:GOSUB 1300:GO
TO 1110 ELSE IF x$="W"THEN LOCATE#2,10,2:PRINT#2,USING"
##";pst ELSE IF x$="M"THEN 1085 ELSE 1115
1120 POKE &FFC8,pst:POKE &FFCB,&A2:CALL &EE4B           >NF
1125 IF PEEK(&FFC7)>0 THEN GOSUB 275:GOTO 1110          >MQ
1130 LOCATE#2,13,2:PRINT#2,"->";PEEK(&A200);"sect."     >XD
1135 z=41472:sc=1                                       >LJ
1140 LOCATE#2,10,3:PRINT#2,USING"X##X";sc;:GOSUB 1230   >ZK
1145 x$=UPPER$(INKEY$):IF x$="-"THEN sc=sc-1:GOSUB 1220 >UJ
:GOTO 1140 ELSE IF x$="-"THEN sc=sc+1:GOSUB 1220:GOTO 1
140 ELSE IF x$="W"THEN adr=0 ELSE IF x$="M"THEN 1105 EL
SE 1145
1150 LOCATE#2,10,3:PRINT#2,USING"##";sc                 >HL
1155 GOSUB 1425:GOSUB 1435                              >UG
```



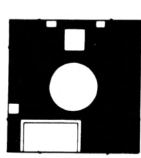
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116Ø LOCATE#2,11,5:IF rØ=64 AND r2=Ø AND r1=128 THEN PR >HB
INT#2,"NON"ELSE IF rØ=Ø AND r2=64 AND r1=Ø THEN PRINT#2
,"OUI"ELSE m$="Impossible de charger ce secteur !":GOSU
B 285:GOTO 114Ø
1165 CLS:GOSUB 131Ø                                     >NU
117Ø z=41472:IF x$="M"THEN CLS:GOTO 114Ø ELSE IF x$="L" >VV
THEN CLS:GOTO 1155
1175 IF x$="S"THEN sc=sc+1 ELSE IF x$="P"THEN sc=sc-1 E >MC
LSE IF x$="R"THEN 178Ø ELSE 12Ø5
118Ø CLS:adr=Ø:IF sc>Ø AND sc<PEEK(z)+1 THEN GOSUB 123Ø >KK
:GOTO 115Ø
1185 GOSUB 1365:IF sc>PEEK(z)THEN pst=pst+1 ELSE pst=ps >FX
t-1
119Ø GOSUB 13ØØ                                         >WH
1195 LOCATE#2,1Ø,2:PRINT#2,USING"##";pst:POKE &FFC8,pst >DR
:POKE &FFCB,&A2:CALL &EE4B:IF PEEK(&FFC7)>Ø THEN GOSUB
275:GOTO 111Ø
12ØØ LOCATE#2,13,2:PRINT#2,"->";PEEK(&A2ØØ);"sect.":IF  >CR
sc=Ø THEN sc=PEEK(&A2ØØ):GOTO 118Ø ELSE sc=1:GOTO 118Ø
12Ø5 IF x$="E"THEN POKE &EFA1,&7E:POKE &EFA2,&ED:POKE & >PF
EFA3,&79:m$="Ecrire donnees effacees ? (O/N)":GOSUB 25Ø

121Ø x$=UPPER$(INKEY$):IF x$="O"THEN cd=&49 ELSE IF x$= >CR
"N"THEN cd=&45 ELSE 121Ø
1215 m$="":GOSUB 25Ø:GOTO 1155                          >XF
122Ø IF sc=Ø THEN sc=PEEK(z)ELSE IF sc>PEEK(z)THEN sc=1 >AK

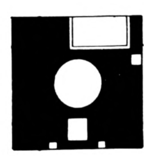
1225 RETURN                                             >FD
123Ø sct=PEEK(z+sc*4-1):LOCATE#2,13,3:PRINT#2,"-> &";HE >JM
X$(sct,2):lg=PEEK(z+sc*4):LOCATE#2,1Ø,4:PRINT#2,USING"#
# ->";lg;:IF lg<6 THEN l=2^lg*128:PRINT#2,l;"octetsO":R
ETURN ELSE PRINT#2," ?? octetsO":RETURN
1235 CLS:m$="Introduire la disquette a editer.":GOSUB 2 >RX
85:CALL &DD5Ø:IF PEEK(&FFC7)>Ø THEN GOSUB 275:GOTO 1Ø85

124Ø blm=&B1-PEEK(&FFD2)*4.5:bl=Ø:FOR t=Ø TO blm:POKE 4 >UN
1472+t,t+2:NEXT
1245 z=41472:GOSUB 14Ø5:LOCATE#2,11,3:IF PEEK(&FFD2)=Ø  >HV
THEN PRINT#2,"ODATA"ELSE IF PEEK(&FFD2)=2 THEN PRINT#2,
"OVendor"ELSE PRINT#2,"ONon standard":CALL &BBØ3:CALL &
BB18:GOTO 1Ø85
125Ø GOSUB 14Ø5                                         >XA
1255 LOCATE#2,11,2:PRINT#2,"X&";HEX$(PEEK(z+bl),2);"X"  >ZV
126Ø x$=UPPER$(INKEY$):IF x$="-"THEN bl=bl-1:GOSUB 141Ø >UV
:GOTO 1255 ELSE IF x$="-"THEN bl=bl+1:GOSUB 141Ø:GOTO 1
255 ELSE IF x$="W"THEN adr=Ø ELSE IF x$="M"THEN 1Ø85 EL
SE 126Ø
1265 GOSUB 14Ø5:LOCATE#2,11,2:PRINT#2,"&";HEX$(PEEK(z+b >CB
l),2):POKE &FFCB,&82:POKE &FFCC,PEEK(z+bl):CALL &EFEB:P
OKE &DE33,&84:IF PEEK(&FFC7)>Ø THEN m$="Bloc non standa
rd. Impossible de le charger.":GOSUB 285:POKE &FFC7,Ø:G
OTO 125Ø
127Ø blt=PEEK(z+bl)*2+9*PEEK(&FFD2):pst=FIX(blt/9):sct= >FA
blt MOD 9+PEEK(&FFD3)
1275 LOCATE#2,11,4:PRINT#2,USING"##";pst:LOCATE#2,11,5: >TF
PRINT#2,HEX$(sct,2):sct=sct+1:IF(sct AND 15)=1Ø THEN sc
t=sct-9:pst=pst+1
128Ø l=1Ø24:LOCATE#2,13,4:PRINT#2,USING" - ##";pst:LOCA >AF
TE#2,13,5:PRINT#2," - ";HEX$(sct,2)
1285 GOSUB 131Ø                                         >XD
129Ø z=41472:IF x$="M"THEN CLS:GOTO 125Ø ELSE IF x$="L" >BH
THEN CLS:GOTO 1265 ELSE IF x$="S"THEN CLS:bl=bl+1:adr=Ø
:GOSUB 141Ø:GOTO 1265 ELSE IF x$="P"THEN CLS:adr=Ø:bl=b
l-1:GOSUB 141Ø:GOTO 1265 ELSE IF x$="R"THEN 171Ø
1295 IF x$="E"THEN POKE &DE33,&85:GOTO 1265 ELSE 129Ø   >UA
13ØØ IF pst=-1 THEN pst=41 ELSE IF pst=42 THEN pst=Ø    >VK
13Ø5 RETURN                                             >FC
131Ø CLS:FOR t=Ø TO 12:POKE &B285,t+1:CALL &EFA7,adr+t* >GH
8:NEXT
1315 x$=UPPER$(INKEY$):IF x$=""THEN 1315 ELSE IF x$="!" >AQ
AND adr>Ø THEN adr=adr-8:POKE &B285,Ø:CALL &EFA7,adr EL
SE IF x$="!"AND adr+1Ø4<l THEN adr=adr+8:POKE &B285,14:
CALL &EFA7,adr+96 ELSE IF x$="W"THEN 1325 ELSE IF INSTR
("MLESPR",x$)<>Ø THEN RETURN
132Ø IF x$="D"THEN 144Ø ELSE IF x$="F"THEN 1615 ELSE IF >JE
 x$="B"THEN 1645 ELSE IF x$="C"THEN 1655 ELSE IF x$="Z"
THEN CALL &F5C1,&92ØØ,4Ø96,Ø:GOTO 1315 ELSE 1315
1325 li=Ø:co=Ø:ec=Ø:z=3328Ø+adr:GOSUB 137Ø:GOSUB 139Ø   >YJ
133Ø x$=UPPER$(INKEY$):IF x$=""THEN 133Ø ELSE IF x$="!" >LK
AND ec=Ø THEN GOSUB 1375:li=li-1:GOSUB 1385:GOSUB 137Ø
ELSE IF x$="!"AND ec=Ø THEN GOSUB 1375:li=li+1:GOSUB 13
85:GOSUB 137Ø
1335 IF x$="-"AND ec=Ø THEN GOSUB 1375:co=co-1:GOSUB 13 >ZV
8Ø:GOSUB 137Ø ELSE IF x$="-"AND ec=Ø THEN GOSUB 1375:co
=co+1:GOSUB 138Ø:GOSUB 137Ø
134Ø IF INSTR("Ø123456789ABCDEF",x$)<>Ø THEN IF ec=Ø TH >MY
EN ec=1:LOCATE 8+co*3,li+1:PRINT"X";x$;"*X";:y$=x$ELSE
ec=Ø:y$=y$+x$:LOCATE 8+co*3,li+1:PRINT y$;:POKE z+co+li
*8,VAL("&"+y$):GOSUB 1395:co=co+1:GOSUB 138Ø:GOSUB 137Ø

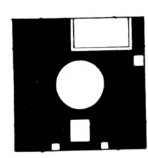
1345 IF x$="W"THEN GOSUB 1375:GOSUB 1415 ELSE 133Ø      >RW
135Ø x$=INKEY$:IF x$="-"THEN GOSUB 1395:co=co-1:GOSUB 1 >GG
38Ø:GOSUB 1415 ELSE IF x$="-"THEN GOSUB 1395:co=co+1:GO
SUB 138Ø:GOSUB 1415 ELSE IF x$="!"THEN GOSUB 1395:li=li
-1:GOSUB 1385:GOSUB 1415 ELSE IF x$="!"THEN GOSUB 1395:
li=li+1:GOSUB 1385:GOSUB 1415
1355 IF x$>CHR$(31)AND x$<CHR$(128)THEN POKE z+co+li*8, >BE
ASC(x$):GOSUB 1375:GOSUB 1395:co=co+1:GOSUB 138Ø:GOSUB
1415 ELSE IF x$="W"THEN GOSUB 1395:LOCATE#2,11,7:PRINT#
2,"O":GOTO 1315
136Ø GOTO 135Ø                                          >MG
1365 LOCATE#2,1,2:PRINT#2,"Piste    : ":PRINT#2,"Secteur >CV
 : ":PRINT#2,"Longueur: ":PRINT#2,"Efface  : ":PRINT#2:
PRINT#2,"Adresse : ":RETURN
137Ø LOCATE 8+co*3,li+1:PRINT" ";HEX$(PEEK(z+co+li*8),2 >UK
);" ";:RETURN
1375 LOCATE 8+co*3,li+1:PRINT HEX$(PEEK(z+co+li*8),2);: >KE
RETURN
138Ø IF co=-1 THEN co=7:li=li-1 ELSE IF co=8 THEN co=Ø: >FF
li=li+1
1385 IF li=13 THEN li=Ø ELSE IF li=-1 THEN li=12        >NX
139Ø LOCATE#2,11,7:PRINT#2,HEX$(adr+co+li*8,4):RETURN   >AK
1395 LOCATE 34+co,li+1:IF PEEK(z+co+li*8)>31 AND PEEK(z >TF
+co+li*8)<128 THEN PRINT CHR$(PEEK(z+co+li*8));ELSE PRI
NT".";
14ØØ RETURN                                             >EJ
14Ø5 LOCATE#2,1,2:PRINT#2,"Bloc    :O":PRINT#2,"Format  >AN
 :":PRINT#2,"Piste   :O":PRINT#2,"Secteur :O":PRINT#2:P
```



```
RINT#2,"Adresse :0":RETURN
1410 IF bl>blm THEN bl=0:RETURN ELSE IF bl=-1 THEN bl=b >CB
lm:RETURN ELSE RETURN
1415 LOCATE 34+co,li+1:IF PEEK(z+co+li*8))31 AND PEEK(z >LX
+co+li*8)<128 THEN PRINT"X";CHR$(PEEK(z+co+li*8));"X";E
LSE PRINT"X.X";
1420 RETURN                                                >FA
1425 z4=&FB7F:POKE &FFC8,pst:CALL &EF49:OUT z4,cd:OUT z >TP
4,0:OUT z4,pst:OUT z4,0:OUT z4,sct:OUT z4,lg:OUT z4,sct
:OUT z4,42:OUT z4,lg:CALL &EF8B
1430 r0=INP(z4):r1=INP(z4):r2=INP(z4):FOR i=1 TO 4:k=IN >AY
P(z4):NEXT:RETURN
1435 POKE &EFA1,&ED:POKE &EFA2,&78:POKE &EFA3,&77:POKE  >FX
&EF8E,&82:cd=&46:RETURN
1440 CLS:LOCATE#1,1,1:PRINT#1,"+--ADR--+---CODE---+-ASC >YC
I-+----DESASSEMBLAGE-----+":LOCATE#1,1,15:PRINT#1,"+---
----+----------+-----+":CALL &81A7
1445 IF prog=0 THEN CALL &D708,&8200,&81FF+l,&8200,&820 >DU
0+adr:POKE &FFCD,&42:CALL &D646:GOTO 1470
1450 PRINT"'1§ - Adresse courante du bloc.":PRINT"'2§ - >NV
 Adresse reelle du programme"
1455 x$=INKEY$:IF x$="1"THEN CALL &D708,&8200,&81FF+l,& >KR
8200,&8200+adr:POKE &FFCD,&42:CALL &D646:GOTO 1470 ELSE
 IF x$<>"2"THEN 1455
1460 z=PEEK(&8615)+PEEK(&8616)*256+1024*bl-128-33280    >VZ
1465 CALL &D708,ABS(z),&81FF+l,&8200,&8200+adr:IF z<0 T >HM
HEN POKE &FFCD,&42:CALL &D646 ELSE POKE &FFCD,&4A:CALL
&D646
1470 CLS:LOCATE#1,2,1:PRINT#1,STRING$(48,"-"):LOCATE#1, >RW
2,15:PRINT#1,STRING$(48,"-"):CALL &81A7:CALL &BB03:GOTO
 1310
1475 CLS:m$="Nom du prog. :":GOSUB 250:c$="":a=0:CALL & >GA
BB03
1480 d$=LEFT$(c$+SPACE$(11),11):LOCATE#1,17,16:PRINT#1, >WP
LEFT$(d$,8);".";RIGHT$(d$,3):IF a<11 THEN LOCATE#1,17+a
-(a>7),16:PRINT#1,"_"
1485 x$=UPPER$(INKEY$):IF x$="M"AND a>0 THEN a=a-1:c$=L >ZL
EFT$(c$,a):GOTO 1480 ELSE IF x$=CHR$(13)THEN 1490 ELSE
IF x$="."THEN a=8:c$=LEFT$(c$+SPACE$(8),8):GOTO 1480 EL
SE IF x$>CHR$(31)AND x$<"a"AND a<11 THEN c$=c$+x$:a=a+1
:GOTO 1480 ELSE 1485
1490 IF c$=""THEN 1075 ELSE c$=LEFT$(c$+SPACE$(11),11): >TX
FOR t=1 TO 11:POKE &FFBA+t,ASC(MID$(c$,t,1)):NEXT
1495 m$="Introduire la disquette programme .":GOSUB 285 >NF
:CALL &DD50:IF PEEK(&FFC7)>0 THEN GOSUB 275:GOTO 1075
1500 CALL &D7C1:FOR t=0 TO 63:POKE &9200+t*16,0:NEXT:CA >FB
LL &F550:IF PEEK(&FFC6)=0 THEN m$="Programme non trouve
 ! ":GOSUB 285:GOTO 1075
1505 PRINT"Blocs : ";:t=0:WHILE PEEK(&9200+t)<>0:PRINT" >QA
&";HEX$(PEEK(&9200+t),2);" ";:t=t+1:WEND:blm=t-1:FOR t=
0 TO blm:POKE 41472+t,PEEK(&9200+t):NEXT
1510 POKE &FFCC,PEEK(&A200):POKE &FFCB,&86:CALL &EFEB:I >CA
F PEEK(&FFC7)>0 THEN GOSUB 275:GOTO 1075
1515 CALL &BB03:CALL &BB18:CLS:prog=1:GOTO 1245         >QT
1520 LOCATE#2,1,9:PRINT#2,"Debut :":PRINT#2,"Fin    :":P >CZ
RINT#2,"Long. :";
1525 m$="Choisissez l'adresse d'origine.":GOSUB 250:adr >BV
1=adr:li1=0:co1=0:GOSUB 1565
1530 x$=INKEY$:IF x$="!"THEN GOSUB 1570:li1=li1-1:GOSUB >VL
 1585:GOSUB 1565 ELSE IF x$="!"THEN GOSUB 1570:li1=li1+
1:GOSUB 1590:GOSUB 1565 ELSE IF x$="-"AND co1>0 THEN GO
SUB 1570:co1=co1-1:GOSUB 1565 ELSE IF x$="-"AND co1<7 T
HEN GOSUB 1570:co1=co1+1:GOSUB 1565
1535 IF x$<>"W"THEN 1530                                >RY
1540 IF rr=1 THEN rr=0:RETURN                           >YB
1545 CALL &BB03:m$="Choisissez l'adresse de fin.":GOSUB >VP
 250:adr2=adr1:li2=li1:co2=co1:GOSUB 1575
1550 x$=INKEY$:IF x$="!"AND adr2-8+li2*8+co2>=adr1+li1* >YG
8+co1 THEN GOSUB 1580:li2=li2-1:GOSUB 1600:GOSUB 1575 E
LSE IF x$="!"THEN GOSUB 1580:li2=li2+1:GOSUB 1600:GOSUB
 1575
1555 IF x$="-"AND co2<7 THEN GOSUB 1580:co2=co2+1:GOSUB >CR
 1575 ELSE IF x$="-"AND adr2-1+li2*8+co2>=adr1+li1*8+co
1 AND co2>0 THEN GOSUB 1580:co2=co2-1:GOSUB 1575 ELSE I
F x$="W"THEN RETURN
1560 GOTO 1550                                          >NA
1565 LOCATE 7+co1*3,li1+1:PRINT"-";:LOCATE#2,9,9:PRINT# >XL
2,HEX$(adr1+li1*8+co1,4):RETURN
1570 LOCATE 7+co1*3,li1+1:PRINT" ";:RETURN              >MD
1575 LOCATE 10+co2*3,li2+1:PRINT"-";:LOCATE#2,9,10:PRIN >XB
T#2,HEX$(adr2+li2*8+co2,4):LOCATE#2,9,11:PRINT#2,HEX$(a
dr2+li2*8+co2-adr1-li1*8-co1+1,4);:RETURN
1580 LOCATE 10+co2*3,li2+1:PRINT" ";:RETURN             >MZ
1585 IF li1=-1 THEN li1=0:IF adr1>0 THEN adr1=adr1-8:PO >GU
KE &B285,0:CALL &EFA7,adr1
1590 IF li1=13 THEN li1=12:IF adr1+104<l THEN adr1=adr1 >WQ
+8:POKE &B285,14:CALL &EFA7,adr1+96
1595 RETURN                                             >GD
1600 IF li2=-1 THEN li2=0:adr2=adr2-8:POKE &B285,0:CALL >GE
 &EFA7,adr2:IF adr2=adr1+li1*8 THEN LOCATE 7+co1*3,1:PR
INT"-";:RETURN
1605 IF li2=13 THEN li2=12:IF adr2+104<l THEN adr2=adr2 >WU
+8:POKE &B285,14:CALL &EFA7,adr2+96
1610 RETURN                                             >FB
1615 GOSUB 1520                                         >XD
1620 m$="Octet de remplissage : &__":GOSUB 250:a$=""    >DQ
1625 x$=UPPER$(INKEY$):IF x$=""THEN 1625 ELSE IF INSTR( >WF
"01234567989ABCDEF",x$)<>0 AND LEN(a$)<2 THEN a$=a$+x$:
LOCATE#1,26,16:PRINT#1,a$:GOTO 1625
1630 IF x$="M"THEN 1620 ELSE IF x$=CHR$(13)AND LEN(a$)= >VU
2 THEN 1635 ELSE 1625
1635 CALL &F5C1,33280+adr1+li1*8+co1,adr2+li2*8+co2-adr >HD
1-li1*8-co1+1,VAL("&"+a$)
1640 m$="":GOSUB 250:LOCATE#2,1,9:PRINT#2,"O":PRINT#2," >JJ
O":PRINT#2,"O";:GOTO 1310
1645 GOSUB 1520:POKE &F5B6,0:m$="Copie en memoire avec  >NR
echange memoire/ecran ?":GOSUB 250
1650 x$=UPPER$(INKEY$):IF x$="O"THEN CALL &F58A,33280+a >ND
dr1+li1*8+co1,adr2+li2*8+co2-adr1-li1*8-co1+1:GOTO 1640
 ELSE IF x$="N"THEN CALL &F5A7,33280+adr1+li1*8+co1,adr
2+li2*8+co2-adr1-li1*8-co1+1:GOTO 1640 ELSE 1650
1655 GOSUB 1520:POKE &F5B6,&EB:m$="Copie a l'ecran avec >EQ
 echange memoire/ecran ?":GOSUB 250:GOTO 1650
1660 m$="Serie: 'H§ Hexa  'A§ ASCII":GOSUB 250:CALL &BB >FP
03
1665 x$=UPPER$(INKEY$):IF x$="H"THEN 1670 ELSE IF x$="A >WR
"THEN 1690 ELSE 1665
1670 m$="Sequence a rechercher :":GOSUB 250:d=0:c$="":C >TM
```



```
ALL &BB03
1675 LOCATE#1,25,16:FOR t=1 TO d STEP 2:PRINT#1,MID$(c$ >FY
,t,2);" ";:NEXT:PRINT#1," ":LOCATE#1,48,16:PRINT#1,"."
1680 x$=UPPER$(INKEY$):IF x$=""THEN 1680 ELSE IF x$="M" >UT
AND d>0 THEN d=d-1:c$=LEFT$(c$,d):GOTO 1675 ELSE IF x$=
CHR$(13)AND(d AND 1)=0 THEN 1685 ELSE IF INSTR("0123456
789ABCDEF",x$)<>0 AND d<16 THEN d=d+1:c$=c$+x$:GOTO 167
5 ELSE 1680
1685 IF d=0 THEN RETURN ELSE d=d/2:POKE &FFBA,d:FOR t=1 >JK
 TO d:POKE &FFBA+t,VAL("&"+MID$(c$,t*2-1,2)):NEXT:RETUR
N
1690 m$="Sequence a rechercher :":GOSUB 250:d=0:c$="":C >TP
ALL &BB03
1695 LOCATE#1,25,16:PRINT#1,c$;" ";:LOCATE#1,33,16:PRIN >JK
T#1,"."
1700 x$=INKEY$:IF x$=""THEN 1700 ELSE IF x$="M"AND d>0 >JE
THEN d=d-1:c$=LEFT$(c$,d):GOTO 1695 ELSE IF x$=CHR$(13)
THEN 1705 ELSE IF x$>CHR$(31)AND x$<""AND d<8 THEN d=d
+1:c$=c$+x$:POKE &FFBA+d,ASC(x$):GOTO 1695 ELSE 1700
1705 IF d=0 THEN RETURN ELSE POKE &FFBA,d:RETURN       >TQ
1710 GOSUB 1660:m$="":GOSUB 250:IF d=0 THEN 1285 ELSE r >XC
r=1:LOCATE#2,1,9:PRINT#2,"Debut :";:GOSUB 1525:m$="":GO
SUB 250:LOCATE#2,1,9:PRINT#2,"0";
1715 CLS:PRINT"'1§ - Recherche sur le bloc.":PRINT"'2§ >RX
 - Recherche sur tous les blocs."
1720 x$=INKEY$:IF x$="1"THEN 1725 ELSE IF x$="2"THEN 17 >KM
45 ELSE 1720
1725 CALL &D708,&8200,&81FF+1,&8200,&8200+adr1+li1*8+co >MQ
1:CALL &D72D
1730 IF PEEK(&FFC6)=0 THEN m$="Sequence non trouvee !." >AA
:GOSUB 285:GOTO 1270 ELSE adr=PEEK(&FFB5)*256+PEEK(&FFB
4)-33280:m$="Adresse de la sequence : "+HEX$(adr,4):GOS
UB 285
1735 adr=INT(adr/8)*8:IF adr+104>=l THEN adr=l-104     >UU
1740 GOTO 1270                                          >MK
1745 bl2=bl:z=41472:CALL &D708,&8200,&8200+1,&8200+adr1 >GT
+li1*8+co1,&8200+adr1+li1*8+co1:CALL &D72D:IF PEEK(&FFC
6)>0 THEN 1730 ELSE GOSUB 1405
1750 bl=bl+1:IF bl>blm THEN bl=0                        >ZH
1755 LOCATE#2,11,2:PRINT#2,"&";HEX$(PEEK(z+bl),2)       >UG
1760 POKE &FFCB,&82:POKE &FFCC,PEEK(z+bl):CALL &EFEB:IF >GL
 PEEK(&FFC7)>0 THEN POKE &FFC7,0:GOTO 1750
1765 IF bl2=bl THEN CALL &D708,&8200,&8200+adr1+li1*8+c >UJ
o1,&8200,&8200:CALL &D72D:GOTO 1730
1770 CALL &D708,&8200,&8200+1,&8200,&8200:CALL &D72D:IF >BW
 PEEK(&FFC6)>0 THEN 1730
1775 IF UPPER$(INKEY$)="A"THEN adr=0:m$="Recherche inte >NF
rronpue .":GOSUB 285:GOTO 1270 ELSE 1750
1780 GOSUB 1660:m$="":GOSUB 250:IF d=0 THEN 1285 ELSE r >XK
r=1:LOCATE#2,1,9:PRINT#2,"Debut :";:GOSUB 1525:m$="":GO
SUB 250:LOCATE#2,1,9:PRINT#2,"0";
1785 CLS:PRINT"'1§ - Recherche sur le secteur.":PRINT"' >VK
2§ - Recherche sur la piste.":PRINT"'3§ - Recherche sur
 tout le disc."
1790 x$=INKEY$:IF x$="1"THEN 1795 ELSE IF x$="2"THEN 18 >QQ
15 ELSE IF x$="3"THEN 1845 ELSE 1790
1795 CALL &D708,&8200,&81FF+1,&8200,&8200+adr1+li1*8+co >MY
1:CALL &D72D
1800 IF PEEK(&FFC6)=0 THEN m$="Sequence non trouvee !." >AY
:GOSUB 285:GOTO 1810 ELSE adr=PEEK(&FFB5)*256+PEEK(&FFB
4)-33280:m$="Adresse de la sequence : "+HEX$(adr,4):GOS
UB 285
1805 adr=INT(adr/8)*8:IF adr+104>=l THEN adr=l-104     >UR
1810 LOCATE#2,10,3:PRINT#2,USING"##";sc:GOSUB 1230:GOTO >GV
 1160
1815 z=41472:sc2=sc:CALL &D708,&8200,&8200+1,&8200+adr1 >DJ
+li1*8+co1,&8200+adr1+li1*8+co1:CALL &D72D:IF PEEK(&FFC
6)>0 THEN 1800 ELSE LOCATE#2,10,3:PRINT#2,"0":LOCATE#2,
10,4:PRINT#2,"0":LOCATE#2,10,5:PRINT#2,"0"
1820 sc=sc+1:IF sc>PEEK(&A200)THEN sc=1                 >GL
1825 LOCATE#2,10,3:PRINT#2,USING"##";sc:sct=PEEK(z+sc*4 >AA
-1):lg=PEEK(z+sc*4):l=MIN(2^lg*128,4096):GOSUB 1425:IF(
r0=64 AND r2=0 AND r1=128)OR(r0=0 AND r2=64 AND r1=0)TH
EN 1830 ELSE 1820
1830 IF sc2=sc THEN CALL &D708,&8200,&8200+adr1+li1*8+c >UR
o1,&8200,&8200:CALL &D72D:GOTO 1800
1835 CALL &D708,&8200,&8200+1,&8200,&8200:CALL &D72D:IF >BW
 PEEK(&FFC6)>0 THEN 1800
1840 IF UPPER$(INKEY$)="A"THEN adr=0:m$="Recherche inte >NW
rronpue .":GOSUB 285:GOTO 1810 ELSE 1820
1845 z=41472:sc2=sc:pst2=pst:CALL &D708,&8200,&8200+1,& >RA
8200+adr1+li1*8+co1,&8200+adr1+li1*8+co1:CALL &D72D:IF
PEEK(&FFC6)>0 THEN 1800 ELSE GOSUB 1365:LOCATE#2,10,2:P
RINT#2,USING"##";pst:GOTO 1880
1850 pst=pst+1:IF pst=42 THEN pst=0                     >DG
1855 LOCATE#2,10,2:PRINT#2,USING"##";pst:POKE &FFC8,pst >QJ
:CALL &EE4B
1860 IF PEEK(&FFC7)>0 THEN 1850                         >XJ
1865 sct=PEEK(z+sc*4-1):lg=PEEK(z+sc*4):l=MIN(2^lg*128, >UW
4096):GOSUB 1425:IF(r0=64 AND r2=0 AND r1=128)OR(r0=0 A
ND r2=64 AND r1=0)THEN 1870 ELSE 1880
1870 IF sc2=sc AND pst=pst2 THEN CALL &D708,&8200,&8200 >QX
+adr1+li1*8+co1,&8200,&8200:CALL &D72D:GOTO 1800
1875 CALL &D708,&8200,&8200+1,&8200,&8200:CALL &D72D:IF >BA
 PEEK(&FFC6)>0 THEN 1800
1880 sc=sc+1:IF sc>PEEK(&A200)THEN sc=1 ELSE 1865       >RJ
1885 IF UPPER$(INKEY$)="A"THEN adr=0:sc=PEEK(&A200):m$= >AD
"Recherche interronpue .":GOSUB 285:GOTO 1810
1890 GOTO 1850                                          >NK
1895 CLS:m$="Nom du prog. :":GOSUB 250:c$="":a=0:CALL & >GG
BB03
1900 d$=LEFT$(c$+SPACE$(11),11):LOCATE#1,17,16:PRINT#1, >WL
LEFT$(d$,8);".";RIGHT$(d$,3):IF a<11 THEN LOCATE#1,17+a
-(a>7),16:PRINT#1,"_"
1905 x$=UPPER$(INKEY$):IF x$="M"AND a>0 THEN a=a-1:c$=L >MR
EFT$(c$,a)ELSE IF x$=CHR$(13)THEN 1915 ELSE IF x$="."TH
EN a=8:c$=LEFT$(c$+SPACE$(8),8)ELSE IF x$>CHR$(31)AND x
$<"a"AND a<11 THEN c$=c$+x$:a=a+1 ELSE 1905
1910 GOTO 1900                                          >MJ
1915 IF c$=""THEN 455 ELSE c$=LEFT$(c$+SPACE$(11),11):F >RA
OR t=1 TO 11:POKE &FFBA+t,ASC(MID$(c$,t,1)):NEXT
1920 m$="Introduire la disquette programme .":GOSUB 285 >MN
:CALL &DD50:IF PEEK(&FFC7)>0 THEN GOSUB 275:GOTO 455
1925 CALL &D7C1:FOR t=0 TO 63:POKE &9200+t*16,0:NEXT:CA >EW
LL &F550:IF PEEK(&FFC6)=0 THEN m$="Programme non trouve
 !H":GOSUB 285:GOTO 455
1930 POKE &FFCB,&82:POKE &FFCC,PEEK(&9200):CALL &EFEB:I >BG
F PEEK(&FFC7)>0 THEN GOSUB 275:GOTO 455
```

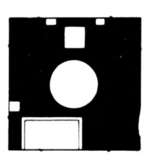


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1935 IF PEEK(&8212)>1 OR(PEEK(&8211)+PEEK(&821Ø))>Ø THE >GD
N m$="Programme non basic. Operation impossible .":GOSU
B 285:GOTO 455 ELSE POKE &8212,PEEK(&8212)XOR 1:CALL &F
5D8,&828Ø:IF PEEK(&8212)=Ø THEN POKE &8243,PEEK(&8243)-
1 ELSE POKE &8243,PEEK(&8243)+1
194Ø POKE &DE33,&85:POKE &FFCB,&82:CALL &EFEB:IF PEEK(& >NF
FFC7)>Ø THEN GOSUB 275:GOTO 455
1945 z=37376                                            >BB
195Ø z=z+1:IF PEEK(z)=Ø THEN 455                        >ZJ
1955 POKE &DE33,&84:POKE &FFCB,&82:POKE &FFCC,PEEK(z):C >VH
ALL &EFEB:IF PEEK(&FFC7)>Ø THEN GOSUB 275:GOTO 455
196Ø CALL &F5D8,&82ØØ:POKE &DE33,&85:POKE &FFCB,&82:CAL >PL
L &EFEB:IF PEEK(&FFC7)>Ø THEN GOSUB 275:GOTO 455
1965 GOTO 195Ø                                          >PD
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DiSCRACK . PRZ

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5 MEMORY &24FF                                          >YA
1Ø m$="":GOSUB 185:CLEAR:DEFINT A-Y:DIM z(5):CLS:PRINT" >LN
MENU DESASSEMBLEUR :":PRINT:PRINT"'1§ - Programme sur d
isquette.":PRINT"'2§ - Systeme d'Exploitation.":PRINT"'
3§ - ROM BASIC.":PRINT"'4§ - ROM disc."
15 x$=INKEY$:IF x$="1"THEN 3Ø ELSE IF x$="2"THEN z(1)=Ø >EA
:POKE &D65A,254:a=Ø:c$="Sys. d'exploitation"ELSE IF x$=
"3"THEN z(1)=49152:POKE &D65A,253:a=&CØ:c$="ROM BASIC"E
LSE IF x$="4"THEN z(1)=49152:POKE &D65A,7:a=&CØ:c$="ROM
 disc"ELSE 15
2Ø z(2)=z(1):z(3)=&4ØØØ:z(4)=z(1)+z(3)-1:RESTORE 2Ø:FOR >CZ
 t=Ø TO 23:READ a$:POKE &AØØØ+t,VAL("&"+a$):NEXT:DATA 2
1,Øc,aØ,cd,51,d6,3e,ff,32,5a,d6,c9,21,ØØ,ØØ,11,ØØ,25,Ø1
,ØØ,4Ø,ed,bØ,c9
25 POKE &AØØE,a:CALL &AØØØ:GOTO 8Ø                      >AK
3Ø m$="Nom du prog. :":GOSUB 185:c$="":a=Ø:CALL &BBØ3   >ZM
35 d$=LEFT$(c$+SPACE$(11),11):LOCATE#1,17,16:PRINT#1,LE >RP
FT$(d$,8);".";RIGHT$(d$,3):IF a<11 THEN LOCATE#1,17+a-(
a>7),16:PRINT#1,"_"
4Ø x$=UPPER$(INKEY$):IF x$="M"AND a>Ø THEN a=a-1:c$=LEF >NQ
T$(c$,a):GOTO 35 ELSE IF x$=CHR$(13)THEN 45 ELSE IF x$=
"."THEN a=8:c$=LEFT$(c$+SPACE$(8),8):GOTO 35 ELSE IF x$
>CHR$(31)AND x$<"a"AND a<11 THEN c$=c$+x$:a=a+1:GOTO 35
 ELSE 4Ø
45 IF c$=""THEN 1Ø ELSE c$=LEFT$(c$+SPACE$(11),11):FOR  >LJ
t=1 TO 11:POKE &FFBA+t,ASC(MID$(c$,t,1)):NEXT
5Ø m$="Introduire la disquette programme .":GOSUB 185:C >VU
ALL &BBØ3:CALL &BB18:CALL &DD5Ø:IF PEEK(&FFC7)>Ø THEN 1
9Ø
55 IF PEEK(&FFC6)=Ø THEN m$="Programme non trouve !H":G >TA
OTO 195 ELSE IF PEEK(&FFE4)=&E5 THEN m$="Probleme de ca
talogue .Utilisez la restructuration de catalogue .":GO
TO 195
6Ø IF PEEK(&9A1Ø)=Ø AND PEEK(&9A11)=Ø AND(PEEK(&9A12)=2 >GH
 OR PEEK(&9A12)=3)THEN 65 ELSE m$="Programme non binair
e !. Impossible a desassembler .H":GOTO 195
65 c$=LEFT$(c$,8)+"."+RIGHT$(c$,3):z(1)=PEEK(&9A16)*256 >NC
+PEEK(&9A15):z(3)=PEEK(&9A19)*256+PEEK(&9A18):z(2)=PEEK
(&9A1B)*256+PEEK(&9A1A):z(4)=z(1)+z(3)-1
7Ø IF z(3)>33Ø24 THEN m$="Impossible a charger. Program >WU
me trop long !":GOTO 195
75 POKE &A7Ø1,PEEK(&FFE4):LOAD c$,&25ØØ:IF z(2)>z(4)OR  >CP
z(2)<z(1)THEN z(2)=z(1)
8Ø LOCATE#1,59,6:PRINT#1,c$;"O":FOR d=1 TO 4:LOCATE#1,5 >BZ
9,7+d:PRINT#1,"&";HEX$(z(d),4);" (";z(d);")O":NEXT:z(5)
=z(1)-&25ØØ:IF z(5)>Ø THEN POKE &FFCD,&4A ELSE POKE &FF
CD,&42
85 CALL &D7Ø8,ABS(z(5)),&24FF+z(3),&25ØØ,z(2)-z(5)      >RX
9Ø m$="":GOSUB 185:CALL &BBØ3:POKE &D65A,255:CALL &D646 >YV

95 CLS:PRINT SPACE$(18);"Menu / Options":PRINT:PRINT"'J >NF
§ - Sauter a une adresse.";"'R§ - Rechercher une sequen
ce d'octets.";"'D§ - Retour au desassemblage.";"'A§ - D
esassemblage automatique.";"'M§ - Menu desassembleur.":
CALL &BBØ3
1ØØ x$=UPPER$(INKEY$):IF x$="M"THEN 1Ø ELSE IF x$="J"TH >YN
EN 1Ø5 ELSE IF x$="R"THEN 13Ø ELSE IF x$="D"THEN 9Ø ELS
E IF x$="A"THEN CALL &D78F:GOTO 95 ELSE 1ØØ
1Ø5 CLS:m$="Saut a l'adresse : &":GOSUB 185             >RC
11Ø d=Ø:c$="":CALL &BBØ3                                >RB
115 LOCATE#1,22,16:PRINT#1,c$;"O";:x$=UPPER$(INKEY$):IF >YY
 x$=""THEN 115 ELSE IF x$="M"THEN 11Ø ELSE IF x$=CHR$(1
3)AND d=4 THEN 12Ø ELSE IF INSTR("Ø123456789ABCDEF",x$)
<>Ø AND d<4 THEN d=d+1:c$=c$+x$:GOTO 115 ELSE 115
12Ø z(2)=VAL("&"+c$):IF z(2)<Ø THEN z(2)=z(2)+65536     >RV
125 IF z(2)>z(4)OR z(2)<z(1)THEN PRINT"H":GOTO 11Ø ELSE >BX
 85
13Ø CLS:m$="Serie: 'H§ Hexa  'A§ ASCII":GOSUB 185:CALL  >KW
&BBØ3
135 x$=UPPER$(INKEY$):IF x$="H"THEN 14Ø ELSE IF x$="A"T >QR
HEN 165 ELSE 135
14Ø m$="Sequence a rechercher :":GOSUB 185:d=Ø:c$="":CA >RA
LL &BBØ3
145 LOCATE#1,25,16:FOR t=1 TO d STEP 2:PRINT#1,MID$(c$, >DR
t,2);" ";:NEXT:PRINT#1," ":LOCATE#1,48,16:PRINT#1,"."
15Ø x$=UPPER$(INKEY$):IF x$=""THEN 15Ø ELSE IF x$="M"AN >BG
D d>Ø THEN d=d-1:c$=LEFT$(c$,d):GOTO 145 ELSE IF x$=CHR
$(13)AND(d AND 1)=Ø THEN 155 ELSE IF INSTR("Ø123456789A
BCDEF",x$)<>Ø AND d<16 THEN d=d+1:c$=c$+x$:GOTO 145 ELS
E 15Ø
155 IF d=Ø THEN 9Ø ELSE d=d/2:POKE &FFBA,d:FOR t=1 TO d >KN
:POKE &FFBA+t,VAL("&"+MID$(c$,t*2-1,2)):NEXT
16Ø CALL &D72D:IF PEEK(&FFC6)=Ø THEN m$="Sequence non t >PP
rouvee !H":GOSUB 185:CALL &BBØ3:CALL &BB18:GOTO 9Ø ELSE
 9Ø
165 m$="Sequence a rechercher :":GOSUB 185:d=Ø:c$="":CA >RH
LL &BBØ3
17Ø LOCATE#1,25,16:PRINT#1,c$;" ";:LOCATE#1,33,16:PRINT >HL
#1,"."
175 x$=INKEY$:IF x$=""THEN 175 ELSE IF x$="M"AND d>Ø TH >RU
EN d=d-1:c$=LEFT$(c$,d):GOTO 17Ø ELSE IF x$=CHR$(13)THE
N 18Ø ELSE IF x$>CHR$(31)AND x$<"P"AND d<8 THEN d=d+1:c
$=c$+x$:POKE &FFBA+d,ASC(x$):GOTO 17Ø ELSE 175
18Ø IF d=Ø THEN 9Ø ELSE POKE &FFBA,d:GOTO 16Ø           >LH
185 LOCATE#1,2,16:PRINT#1,m$;"O":RETURN                 >JT
19Ø e=PEEK(&FFC7):IF e=&48 THEN m$="Pas de disc dans le >GE
 lecteur !H":GOSUB 185:CALL &BBØ3:CALL &BB18:GOTO 5Ø EL
SE IF e=&41 THEN m$="Disquette non formatee !H"ELSE IF
e=&44 THEN m$="Format non standard !H"ELSE m$="Erreur d
e disquette !H"
195 GOSUB 185:CALL &BBØ3:CALL &BB18:GOTO 1Ø             >KT
```



DATA 1. BAS

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5 MODE 2
10 LOCATE 1,1:PRINT CHR$(150)STRING$(48,154)CHR$(156)" "CHR$(150)STRING$(27,154)CHR$(156);
15 PRINT CHR$(149)SPACE$(48)CHR$(149)" "CHR$(149)"  par  P. POCHON  -  1991  "CHR$(149);
20 PRINT CHR$(149)SPACE$(48)CHR$(149)" "CHR$(149)SPACE$(27)CHR$(149);
25 PRINT CHR$(149)SPACE$(48)CHR$(149)" "CHR$(147)STRING$(27,154)CHR$(153);
30 FOR t=1 TO 10:PRINT CHR$(149)SPACE$(48)CHR$(149):NEXT
35 PRINT CHR$(147)STRING$(48,154)CHR$(153)
40 PRINT">":PRINT STRING$(67,95)"Codes Machine"
45 adr=50512:l=100:n=1
50 FOR t=1 TO 16:READ a$:k=VAL("&"+a$):POKE adr,k:adr=adr+1:s=s+k+65536*(s+k>32767):NEXT:READ a$:k=VAL("&"+a$):IF k<>s THEN PRINT CHR$(7);"Erreur ligne";l:END
55 l=l+5:n=n+1:IF n=44 THEN n=1:adr=adr+1360
60 IF l<1445 THEN 50
65 SAVE"discpack.scr",b,&C000,&4000
100 DATA 3E,02,32,86,B2,DD,E5,E1,CD,C9,C7,3E,1C,32,86,B2,086E
105 DATA DD,7E,00,EE,CB,28,4D,EE,26,CA,0B,C6,EE,30,28,07,0FF3
110 DATA EE,20,28,1B,C3,D8,CD,DD,7E,01,FE,CB,28,20,5F,CD,1845
115 DATA 61,C7,CB,6F,CA,7B,CD,DD,23,FD,34,01,C3,D8,CD,DD,2230
120 DATA 7E,01,FE,CB,28,05,FD,34,01,18,E3,FD,34,01,FD,34,2935
125 DATA 01,DD,5E,03,CD,61,C7,E6,10,CA,7B,CD,FD,36,00,02,30A6
130 DATA DD,23,18,0F,DD,5E,01,CD,61,C7,E6,80,CA,7B,CD,FD,3973
135 DATA 36,00,02,3E,C0,A3,20,1A,CD,F0,C7,21,D9,EF,C4,69,4120
140 DATA C7,CD,73,C7,3E,21,32,86,B2,3E,07,A3,CD,35,C7,C3,492B
145 DATA 8E,CD,21,BA,EF,1F,1F,1F,1F,1F,1F,3D,C4,69,C7,CD,5008
150 DATA 73,C7,3E,21,32,86,B2,CD,F0,C7,CD,DC,C7,3E,2C,CD,5936
155 DATA 5A,BB,3E,07,A3,CD,35,C7,C3,8E,CD,DD,5E,01,CD,61,6184
160 DATA C7,E6,48,CA,7B,CD,FD,36,00,02,E6,08,20,1F,3E,CF,68FA
165 DATA A3,FE,4B,28,2D,FE,43,28,69,FE,4A,CA,D2,C6,FE,42,71F7
170 DATA CA,E7,C6,E6,C7,FE,41,CA,EC,C6,C3,02,C7,21,78,ED,7CE8
175 DATA 7E,AB,28,07,3E,FF,47,ED,B1,18,F5,23,CD,73,C7,C3,855C
180 DATA 8E,CD,FD,36,00,04,3E,4C,CD,5A,BB,3E,44,CD,5A,BB,8CBE
185 DATA 3E,21,32,86,B2,21,6C,ED,CD,E8,C7,C4,69,C7,7E,CD,95BC
190 DATA 5A,BB,23,7E,CD,5A,BB,3E,2C,CD,5A,BB,3E,28,CD,5A,9D2D
195 DATA BB,DD,66,03,DD,6E,02,CD,A3,C7,3E,29,CD,5A,BB,C3,A5BE
200 DATA 8E,CD,FD,36,00,04,3E,4C,CD,5A,BB,3E,44,CD,5A,BB,AD20
205 DATA 3E,21,32,86,B2,3E,28,CD,5A,BB,DD,66,03,DD,6E,02,B3C4
210 DATA CD,A3,C7,3E,29,CD,5A,BB,3E,2C,CD,5A,BB,21,6C,ED,BC0A
215 DATA CD,E8,C7,C4,69,C7,7E,CD,5A,BB,23,7E,CD,5A,BB,C3,C620
220 DATA 8E,CD,21,5A,ED,CD,73,C7,21,6C,ED,CD,E8,C7,C4,69,D00D
225 DATA C7,CD,73,C7,C3,8E,CD,21,63,ED,18,E9,21,50,ED,CD,D996
230 DATA 73,C7,CD,F0,C7,21,C6,EF,C4,69,C7,7E,CD,5A,BB,C3,E441
235 DATA 8E,CD,3E,49,CD,5A,BB,3E,4E,CD,5A,BB,3E,21,32,86,EB8A
240 DATA B2,21,C6,EF,CD,F0,C7,C4,69,C7,7E,CD,5A,BB,3E,2C,F554
245 DATA CD,5A,BB,3E,28,CD,5A,BB,3E,43,CD,5A,BB,3E,29,CD,FD15
250 DATA 5A,BB,C3,8E,CD,4F,AF,FD,B6,01,20,0C,79,A7,21,C6,052D
255 DATA EF,C4,69,C7,CD,73,C7,C9,3E,28,CD,5A,BB,3E,49,CD,0E7C
260 DATA 5A,BB,3E,57,FD,86,01,CD,5A,BB,CD,7D,C7,FD,34,00,16CE
265 DATA C9,16,00,21,50,F5,19,7E,C9,57,3E,FF,47,ED,B1,15,1E01
270 DATA 20,FB,C9,7E,FE,FF,C8,CD,5A,BB,23,18,F6,DD,7E,01,2797
275 DATA FE,80,38,0B,EE,FF,3C,6F,3E,2D,CD,5A,BB,18,06,6F,2ECA
280 DATA 3E,2B,CD,5A,BB,3E,26,CD,5A,BB,CD,B8,C7,3E,29,CD,36DB
285 DATA 5A,BB,C9,3E,26,CD,5A,BB,7C,0F,0F,0F,0F,E6,0F,CD,3D79
290 DATA DC,C7,7C,E6,0F,CD,DC,C7,7D,0F,0F,0F,0F,E6,0F,CD,4578
295 DATA DC,C7,7D,E6,0F,CD,DC,C7,C9,FD,7E,1D,A7,28,D4,C5,4FC6
300 DATA ED,4B,CE,FF,32,D8,C7,ED,4A,C1,18,C7,FE,0A,38,02,58B5
305 DATA C6,07,C6,30,CD,5A,BB,C9,3E,30,A3,1F,1F,1F,1F,C9,5F79
310 DATA 3E,38,A3,1F,1F,1F,C9,00,00,00,00,00,00,00,00,00,61B8
315 DATA 4F,AF,FD,B6,01,20,11,B1,21,6C,ED,C4,69,C7,7E,CD,6A05
320 DATA 5A,BB,23,7E,CD,5A,BB,C9,79,FE,02,20,EA,3E,49,CD,723D
325 DATA 5A,BB,3E,57,FD,86,01,CD,5A,BB,C9,3E,3F,CD,5A,BB,7A75
330 DATA CD,5A,BB,CD,5A,BB,FD,36,01,00,FD,36,00,01,AF,FD,824D
335 DATA B6,01,28,05,FD,34,00,DD,2B,3E,0A,32,86,B2,FD,4E,8867
340 DATA 00,DD,E5,DD,6E,00,CD,B8,C7,DD,23,0D,20,F5,DD,E1,91A0
345 DATA DD,E5,3E,15,32,86,B2,FD,4E,00,DD,7E,00,FE,20,38,991B
350 DATA 13,FE,7E,30,0F,CD,5A,BB,DD,23,0D,20,ED,DD,E1,FD,A1A0
355 DATA 36,01,00,C9,3E,2E,18,ED,DD,5E,00,FD,36,00,01,CD,A74D
360 DATA 61,C7,E6,07,CA,2A,CE,EE,01,CA,C6,D5,EE,03,CA,F6,B129
365 DATA D5,EE,01,CA,7F,CE,EE,07,CA,04,CF,EE,01,CA,28,CF,BA46
370 DATA EE,03,CA,63,D5,3E,41,CD,5A,BB,3E,44,CD,5A,BB,CD,C2CB
375 DATA 5A,BB,3E,21,32,86,B2,3E,02,CD,50,CD,3E,2C,CD,5A,C964
380 DATA BB,CD,E8,C7,CD,50,CD,C3,8E,CD,21,A2,EE,7E,AB,28,D3A5
385 DATA 07,3E,FF,47,ED,B1,18,F5,23,7E,FE,FF,CA,8E,CD,FE,DD9C
390 DATA 70,28,33,FE,61,28,0D,FE,6E,28,11,FE,66,28,1F,CD,E418
395 DATA 5A,BB,18,E4,3E,21,32,86,B2,C3,7D,CF,FD,34,00,3E,EB70
400 DATA 26,CD,5A,BB,E5,DD,6E,01,CD,B8,C7,E1,18,CA,3E,21,F417
405 DATA 32,86,B2,C3,E4,CE,E5,3E,02,CD,50,CD,E1,18,B9,21,FCD8
410 DATA C6,EF,3E,4C,CD,5A,BB,3E,44,CD,5A,BB,3E,21,32,86,0474
415 DATA B2,AF,FD,B6,01,20,1D,CD,F0,C7,C4,69,C7,CD,73,C7,0E45
420 DATA 3E,2C,CD,5A,BB,21,C6,EF,3E,07,A3,C4,69,C7,CD,73,1683
425 DATA C7,C3,8E,CD,CD,F0,C7,FE,06,28,12,A7,C4,69,C7,CD,2092
430 DATA 73,C7,3E,2C,CD,5A,BB,CD,48,C7,C3,8E,CD,CD,48,C7,29EE
435 DATA 3E,2C,CD,5A,BB,21,C6,EF,3E,07,A3,C4,69,C7,CD,73,322C
440 DATA C7,C3,8E,CD,FD,34,00,DD,E5,E1,DD,7E,01,FE,80,38,3BF7
445 DATA 0D,01,FE,00,ED,42,4F,09,CD,C9,C7,C3,8E,CD,23,23,434B
450 DATA 06,00,18,F2,3E,4A,CD,5A,BB,3E,52,CD,5A,BB,CB,AB,4AAD
455 DATA 3E,21,32,86,B2,21,7C,EF,CD,F0,C7,C4,69,C7,CD,73,53BA
460 DATA C7,3E,2C,CD,5A,BB,18,BC,21,90,EF,3E,07,A3,C4,69,5B56
465 DATA C7,7E,FE,FF,CA,8E,CD,FE,63,28,1C,FE,70,28,2E,FE,6524
470 DATA 6E,28,4C,FE,73,CA,B3,CF,FE,61,28,31,FE,66,CA,C4,6E6D
475 DATA CF,CD,5A,BB,23,18,DA,E5,3E,21,32,86,B2,21,7C,EF,766D
480 DATA CD,F0,C7,C4,69,C7,CD,73,C7,E1,23,18,C4,E5,3E,21,8010
485 DATA 32,86,B2,CD,E8,C7,CD,50,CD,E1,23,18,B4,FD,34,00,88E1
490 DATA FD,34,00,DD,66,02,DD,6E,01,CD,A3,C7,C3,8E,CD,E5,91DD
495 DATA FD,34,00,3E,26,CD,5A,BB,AF,FD,B6,01,20,0A,DD,6E,992C
500 DATA 01,CD,B8,C7,E1,23,18,89,DD,6E,02,CD,B8,C7,E1,23,A1BB
505 DATA C3,31,CF,E5,3E,21,32,86,B2,CD,F0,C7,CD,35,C7,E1,AB5A
510 DATA 23,C3,31,CF,3E,21,32,86,B2,3E,26,CD,5A,BB,CD,F0,B30C
515 DATA C7,21,48,EF,C4,69,C7,7E,CD,5A,BB,23,7E,CD,5A,BB,BC02
520 DATA 23,7E,EE,FF,CA,8E,CD,3E,20,CD,5A,BB,3E,2F,CD,5A,C489
525 DATA BB,3E,44,CD,5A,BB,3E,57,CD,5A,BB,3E,3A,C3,50,D5,CC7F
530 DATA CD,5A,BB,DD,66,02,DD,6E,01,CD,A3,C7,FD,36,00,03,D45F
535 DATA C3,8E,CD,3E,07,A3,21,64,EF,3D,C4,69,C7,7E,FE,70,DCF6
540 DATA 28,2D,FE,63,28,37,FE,71,28,06,CD,5A,BB,23,18,ED,E3B2
545 DATA 3E,21,32,86,B2,CD,E8,C7,FE,03,28,06,CD,50,CD,C3,EBD3
550 DATA 8E,CD,3E,41,CD,5A,BB,3E,46,CD,5A,BB,C3,8E,CD,3E,F451
555 DATA 21,32,86,B2,CD,E8,C7,CD,50,CD,C3,8E,CD,3E,21,32,FCF1
560 DATA 86,B2,21,7C,EF,CD,F0,C7,C4,69,C7,CD,73,C7,3E,2C,069E
565 DATA CD,5A,BB,C3,7D,CF,CB,73,20,0F,CD,F0,C7,21,2D,EE,0FBC
570 DATA C4,69,C7,CD,73,C7,C3,D9,C5,CD,F0,C7,21,2D,EE,C4,1A9C
575 DATA 69,C7,CD,73,C7,FD,34,00,DD,6E,01,3E,26,CD,5A,BB,2296
580 DATA CD,B8,C7,C3,8E,CD,3E,4C,CD,5A,BB,3E,44,CD,5A,BB,2BD0
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585 DATA 3E,21,32,86,B2,21,63,EE,01,07,00,7E,AB,28,03,09,3070
590 DATA 18,F9,23,06,06,7E,FE,61,28,0E,FE,70,28,1D,CD,5A,369D
595 DATA BB,23,05,CA,8E,CD,18,ED,E5,FD,34,00,FD,34,00,DD,3ECE
600 DATA 66,02,DD,6E,01,CD,A3,C7,E1,18,E6,E5,C5,3E,02,CD,474F
605 DATA 50,CD,C1,E1,18,DB,DD,2A,B4,FF,FD,21,B0,FF,21,5B,5104
610 DATA D6,22,58,D6,DF,58,D6,C9,00,00,FF,CD,CD,D6,C3,ED,5B1F
615 DATA D6,CD,1B,BB,30,FB,FE,F0,28,27,FE,F1,28,07,FE,E0,64FC
620 DATA 28,6A,18,ED,00,CD,74,D7,3E,0E,32,85,B2,CD,85,D6,6C88
625 DATA CD,50,C5,18,DC,11,51,FD,21,52,FD,01,5F,02,ED,B0,742C
630 DATA C9,FD,7E,F3,A7,28,CA,21,AF,FF,CD,C4,D6,2B,DD,E5,7F1F
635 DATA 06,0C,CD,C4,D6,2B,05,20,F9,3E,00,32,85,B2,CD,50,85A5
640 DATA C5,CD,B8,D6,DD,E1,18,A9,21,AF,FF,11,B0,FF,01,61,8F35
645 DATA 02,ED,B8,C9,7E,A7,C8,DD,2B,3D,C8,18,FA,21,50,FD,981F
650 DATA 01,61,02,36,00,23,0B,78,B1,C8,18,F7,21,AF,FF,06,9DBC
655 DATA 0C,CD,C4,D6,2B,05,20,F9,DD,22,B4,FF,C9,CD,6C,BB,A6E7
660 DATA 0E,0D,C5,3E,0E,32,85,B2,CD,85,D6,CD,50,C5,C1,0D,AE54
665 DATA CA,61,D6,CD,74,D7,18,EA,DD,66,01,DD,6E,00,22,B4,B6D4
670 DATA FF,DD,66,03,DD,6E,02,22,B6,FF,DD,66,05,DD,6E,04,BED4
675 DATA 22,B8,FF,DD,66,07,DD,6E,06,22,CE,FF,C9,ED,5B,B4,C7FC
680 DATA FF,FD,21,B0,FF,FD,36,16,00,13,2A,B8,FF,ED,52,38,D07C
685 DATA 1F,2A,B4,FF,ED,52,C8,1A,FD,BE,0B,20,EC,FD,46,0A,D8B8
690 DATA 21,BC,FF,D5,13,05,28,0F,1A,BE,20,15,23,13,18,F5,DE08
695 DATA ED,5B,B6,FF,A7,18,DA,FD,36,16,01,D1,ED,53,B4,FF,E7AC
700 DATA C9,D1,18,C5,DD,E5,16,00,FD,5E,00,DD,19,DD,E5,D1,F0DF
705 DATA 2A,B8,FF,ED,52,38,02,D1,C9,DD,E1,D1,C3,61,D6,CD,FB29
710 DATA 6C,BB,FD,21,B0,FF,DD,2A,B4,FF,3E,0E,32,85,B2,CD,0459
715 DATA 85,D6,CD,50,C5,CD,1B,BB,38,05,CD,74,D7,18,EB,CD,0D5E
720 DATA 03,BB,CD,1B,BB,30,FB,FE,E0,CA,61,D6,CD,74,D7,18,16F9
725 DATA D9,21,00,9A,FD,21,B0,FF,FD,36,20,00,01,00,08,36,1CEC
730 DATA E5,23,0B,78,B1,20,F8,DD,21,00,92,06,40,C5,DD,7E,2436
735 DATA 00,FE,E5,CA,96,DF,AF,DD,B6,0D,C2,96,DF,DD,B6,0E,2E7F
740 DATA C2,96,DF,DD,B6,0F,CA,96,DF,AF,C3,3A,DF,00,00,00,3722
745 DATA CD,DD,DD,D0,FD,36,1B,92,FD,7E,23,FD,77,19,FD,7E,40FF
750 DATA 22,FD,77,18,CD,30,DE,D0,CD,C2,DD,CD,30,DE,D0,CD,4B3C
755 DATA C2,DD,CD,30,DE,D0,CD,C2,DD,CD,30,DE,D0,FD,36,16,55E6
760 DATA 00,21,00,92,E5,7E,32,E4,FF,23,11,BB,FF,0E,0B,7E,5C96
765 DATA FE,80,38,02,D6,80,47,1A,A8,20,07,23,13,0D,20,EF,6226
770 DATA 18,0B,E1,01,20,00,09,7C,FE,9A,20,D8,C9,FD,36,16,6872
775 DATA 01,E1,01,10,00,09,7E,CD,08,DF,FD,36,1B,9A,CD,30,6E85
780 DATA DE,C9,FD,34,1B,FD,34,1B,FD,34,19,3E,0F,FD,A6,19,7617
785 DATA EE,0A,C0,FD,7E,23,FD,77,19,FD,34,18,C9,FD,21,B0,7EDA
790 DATA FF,FD,36,17,00,FD,36,24,87,21,D4,FF,CD,D4,BC,30,8782
795 DATA 3B,22,D5,FF,FD,71,27,1E,00,53,0E,01,21,00,92,DF,8D5A
800 DATA D5,FF,30,28,DF,28,DE,30,23,3A,9F,A8,FD,77,23,FE,95D4
805 DATA C1,28,09,FE,41,28,0B,FD,36,22,01,C9,FD,36,22,00,9BAC
810 DATA 37,C9,FD,36,22,02,37,C9,6C,C5,07,67,FD,77,17,C9,A2F6
815 DATA FD,36,24,84,21,D4,FF,CD,D4,BC,30,F0,22,D5,FF,FD,AD35
820 DATA 71,27,1E,00,FD,56,18,FD,4E,19,2A,CA,FF,DF,D5,FF,B560
825 DATA 30,DA,C9,FD,21,B0,FF,11,00,92,21,00,9A,01,00,08,BB67
830 DATA ED,B0,FD,36,21,00,FD,36,20,00,FD,36,2A,00,FD,36,C23B
835 DATA 2D,00,0E,40,DD,21,00,9A,C5,DD,7E,00,EE,E5,28,2C,C895
840 DATA DD,7E,0C,A7,20,6D,11,10,00,4F,DD,E5,E1,19,FD,34,CF8D
845 DATA 2A,06,10,7E,A7,28,29,23,0C,10,F8,11,0C,00,19,7E,D32E
850 DATA A7,28,1D,FE,E5,28,19,11,04,00,18,E1,DD,7E,01,EE,D996
855 DATA E5,28,40,18,CB,DD,71,11,FD,34,20,FD,34,2D,18,14,E000
860 DATA DD,7E,00,EE,E5,28,EE,DD,71,11,FD,7E,21,81,FD,77,E934
865 DATA 21,FD,34,20,DD,7E,10,CD,08,DF,FD,36,1B,8A,CD,30,F09A
870 DATA DE,30,1F,DD,E5,E1,11,12,00,19,EB,21,10,8A,01,0C,F659
875 DATA 00,ED,B0,01,20,00,DD,09,C1,0D,C2,78,DE,FD,36,17,FD2D
880 DATA 00,C9,DD,36,1F,FF,18,EB,FD,36,03,00,FE,5A,38,06,03F6
885 DATA FD,36,03,14,D6,5A,07,47,3A,A0,A8,4F,78,06,00,B9,09C6
890 DATA 38,04,04,91,18,F9,FD,86,23,FD,77,19,78,FD,86,03,10D9
895 DATA FD,86,22,FE,28,D0,FD,77,18,C9,DD,B6,10,28,57,06,18F1
900 DATA 0B,DD,E5,E1,23,7E,E6,7F,FE,20,DA,96,DF,77,23,10,21BC
905 DATA F4,FD,34,20,DD,E5,E1,11,00,9A,D5,7E,E6,7F,4F,1A,2A70
910 DATA E6,7F,B9,28,04,38,06,18,10,23,13,18,EE,01,20,00,2E7D
915 DATA E1,09,EB,DD,E5,E1,D5,18,E2,D1,D5,21,E0,A1,ED,52,394B
920 DATA 28,0B,E5,C1,03,11,00,A2,21,E0,A1,ED,B8,01,20,00,3F42
925 DATA D1,DD,E5,E1,ED,B0,11,20,00,DD,19,C1,05,C8,C3,DD,48A8
930 DATA D7,FD,21,B0,FF,FD,7E,1C,CD,08,DF,CD,30,DE,C9,FD,5338
935 DATA 21,B0,FF,AF,FD,77,29,CD,CF,E6,3E,84,32,33,DE,FD,5CD8
940 DATA 36,1B,92,CD,30,DE,38,07,FD,7E,17,FE,41,28,14,FD,63DF
945 DATA 34,18,FD,36,17,00,FD,7E,18,FE,2A,20,D7,3E,84,32,6A1B
950 DATA 33,DE,C9,3E,86,32,33,DE,06,09,21,00,A3,FD,74,1B,705B
955 DATA 3A,C8,FF,77,23,23,23,23,10,F9,CD,30,DE,D0,18,CF,77FA
960 DATA CD,DD,DD,D0,FD,7E,22,FE,01,28,26,57,DF,D5,FF,D2,8217
965 DATA 2C,DE,DF,28,DE,D2,2C,DE,3A,51,BE,E6,F0,3C,FD,BE,8BF8
970 DATA 23,20,0E,3A,52,BE,EE,02,20,07,14,7A,FE,28,20,DC,915A
975 DATA C9,FD,36,20,FF,C9,FD,21,B0,FF,21,10,9A,3E,FF,32,9A45
980 DATA 10,A2,FD,36,29,02,FD,A6,22,28,06,FD,36,28,AB,18,A066
985 DATA 04,FD,36,28,B4,E5,7E,FD,BE,29,CA,57,E6,E5,D1,13,A990
990 DATA CB,63,CC,21,E6,1A,FE,FF,28,70,FD,BE,29,20,F0,7E,B2B2
995 DATA 12,E5,CD,08,DF,FD,7E,19,FD,77,2B,FD,7E,18,FD,77,BB97
1000 DATA 2C,FD,36,1B,82,3E,84,32,33,DE,CD,C4,E6,D2,C1,E6,C488
1005 DATA FD,36,1B,8A,FD,7E,29,E1,E5,77,CD,08,DF,CD,C4,E6,CE6C
1010 DATA D2,C1,E6,3E,85,32,33,DE,FD,36,1B,82,FD,7E,29,CD,D72C
1015 DATA 08,DF,CD,C4,E6,D2,C1,E6,FD,36,1B,8A,FD,7E,2B,FD,E17E
1020 DATA 77,19,FD,7E,2C,FD,77,18,CD,C4,E6,D2,C1,E6,E1,18,EB2A
1025 DATA 36,E5,EB,01,10,00,09,EB,E1,C9,E5,7E,CD,08,DF,3E,F334
1030 DATA 84,32,33,DE,FD,36,1B,82,CD,C4,E6,D2,C1,E6,3E,85,FC7E
1035 DATA 32,33,DE,E1,E5,FD,7E,29,77,CD,08,DF,FD,36,1B,82,0526
1040 DATA CD,C4,E6,D2,C1,E6,E1,FD,34,29,FD,7E,29,FD,BE,28,0FD8
1045 DATA 28,4A,CD,CF,E6,23,CB,65,28,05,7E,A7,C2,A7,E5,E1,18A0
1050 DATA 01,20,00,09,7E,FE,FF,28,34,FE,E5,C2,A5,E5,21,00,1FF1
1055 DATA 82,01,00,08,36,E5,23,0B,78,B1,20,F8,3E,85,32,33,252E
1060 DATA DE,FD,7E,29,FD,BE,28,28,14,CD,CF,E6,FD,36,1B,82,2E21
1065 DATA CD,08,DF,CD,C4,E6,D0,FD,34,29,18,E5,E1,FD,36,1B,37A2
1070 DATA 9A,FD,7E,23,FD,77,19,FD,7E,22,FD,77,18,CD,64,DD,409E
1075 DATA C9,E1,E1,C9,CD,30,DE,D0,CD,C2,DD,CD,30,DE,C9,F5,4CA2
1080 DATA E5,3E,14,32,86,B2,3E,26,CD,5A,BB,FD,6E,29,CD,B8,54A2
1085 DATA C7,E1,F1,C9,21,00,9A,FD,21,B0,FF,3A,C8,FF,FD,46,5ED0
1090 DATA 2C,77,23,23,23,23,10,F9,CD,30,DE,D0,FD,34,18,FD,65F9
1095 DATA 7E,18,FE,2A,C8,6F,3E,14,32,86,B2,3E,26,CD,5A,BB,6CF0
1100 DATA CD,B8,C7,18,CF,CD,DD,DD,D0,FD,7E,23,FE,41,28,05,7684
1105 DATA FD,36,17,FF,C9,FD,36,19,41,FD,36,18,00,FD,36,1B,7DBC
1110 DATA 5A,3E,85,32,33,DE,06,12,C5,CD,30,DE,D2,C2,E6,CD,861B
1115 DATA C2,DD,C1,10,F3,C9,FD,21,B0,FF,FD,36,21,00,21,10,8E99
1120 DATA 9A,16,A2,06,10,E5,7E,FD,BE,28,30,08,FE,00,28,04,94A9
1125 DATA 5F,3E,02,12,23,10,EF,E1,01,20,00,09,7C,FE,A2,20,99C3
1130 DATA E2,21,02,A2,FD,75,29,CD,CF,E6,7E,FE,00,20,36,32,A18B
1135 DATA 00,92,7D,E5,CD,08,DF,FD,36,1B,92,CD,30,DE,30,22,A940
1140 DATA CD,C2,DD,CD,30,DE,30,1A,21,00,92,01,00,01,11,04,AE9B
1145 DATA 00,7E,EE,E5,20,0C,19,0B,78,B1,20,F5,E1,FD,34,21,B5AD
1150 DATA 18,03,E1,36,01,23,7D,FD,BE,28,C8,18,B7,3E,10,32,BB7A
1155 DATA 66,BE,11,00,8A,CD,9B,BC,3E,01,32,66,BE,C9,21,00,C1DC
1160 DATA 7E,11,50,ED,01,A6,02,ED,B0,21,A5,80,11,50,F5,01,C88B
1165 DATA 00,01,ED,B0,C9,00,00,00,00,00,00,00,00,00,00,00,CAF2
1170 DATA 00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,CAF2
1175 DATA FD,21,B0,FF,21,00,92,06,B4,36,00,23,10,FB,DD,21,D18E
1180 DATA 0E,9A,06,40,FD,36,20,00,DD,7E,00,FE,E5,28,16,DD,D828
1185 DATA 7E,FE,A7,20,03,FD,34,20,FD,7E,20,DD,77,00,11,20,DEDF
1190 DATA 00,DD,19,10,E3,DD,21,10,9A,06,40,0E,10,DD,7E,FE,E52D
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1195 DATA 32,E0,FF,DD,7E,00,FE,E5,C8,A7,C4,AA,ED,DD,23,0D,EF53
1200 DATA 20,F1,11,10,00,DD,19,10,E2,C9,5F,16,92,3A,E0,FF,F656
1205 DATA 12,FD,34,21,C9,FD,21,B0,FF,FD,36,32,00,21,00,92,FD68
1210 DATA FD,7E,18,C6,04,57,1E,09,06,B4,7E,FD,BE,30,CC,E1,0513
1215 DATA ED,23,1D,CC,DD,ED,1D,CC,DD,ED,10,EE,C9,1E,09,14,0D8B
1220 DATA C9,D5,1C,1C,ED,53,85,B2,3A,E1,FF,CD,5A,BB,1D,7B,166C
1225 DATA FE,02,28,0F,ED,53,85,B2,3A,E1,FF,CD,5A,BB,D1,FD,1FE4
1230 DATA 34,32,C9,1E,0B,14,18,EC,3E,01,CD,B4,BB,FD,21,B0,269D
1235 DATA FF,DD,21,01,9A,11,0D,3E,ED,53,85,B2,DD,7E,0D,FD,2E6D
1240 DATA BE,30,28,07,01,20,00,DD,09,18,F1,06,08,CD,40,EE,33A3
1245 DATA 3E,2E,CD,5A,BB,06,03,CD,40,EE,3E,00,CD,B4,BB,C9,3B38
1250 DATA DD,7E,00,CD,5A,BB,DD,23,10,F6,C9,FD,21,B0,FF,FD,450E
1255 DATA 36,17,00,FD,36,24,87,21,D4,FF,CD,D4,BC,D0,22,D5,4D51
1260 DATA FF,FD,71,27,21,C3,EE,16,00,FD,5E,18,19,7E,47,2A,5448
1265 DATA CA,FF,23,DD,2A,CA,FF,DD,36,00,00,DD,36,03,FF,1E,5C4A
1270 DATA 00,DF,D5,FF,D2,2C,DE,DF,28,DE,D2,2C,DE,3A,51,BE,65E3
1275 DATA E6,0F,FE,01,20,F1,0E,00,0B,78,B1,20,FB,FD,56,18,6CB0
1280 DATA DF,D5,FF,D2,2C,DE,DF,28,DE,D2,2C,DE,3A,51,BE,DD,7726
1285 DATA BE,03,C8,DD,34,00,0E,04,D5,11,4F,BE,EB,ED,B0,EB,7F38
1290 DATA D1,18,E3,5A,4A,44,3E,37,30,2A,23,1C,15,0F,09,05,832C
1295 DATA 02,5A,54,4C,46,40,38,33,2C,25,1E,18,10,0A,06,03,85C3
1300 DATA 5C,55,4E,48,42,3A,34,2D,26,20,1A,12,0C,FD,21,B0,8A33
1305 DATA FF,21,00,82,22,CA,FF,16,00,FD,72,18,FD,72,29,CD,91C2
1310 DATA CF,E6,CD,4B,EE,20,0D,22,CA,FF,14,7A,FE,2A,C8,FD,9B10
1315 DATA 72,18,18,E8,FE,41,C0,FD,36,17,00,DD,2A,CA,FF,DD,A390
1320 DATA 36,00,FF,DD,23,DD,22,CA,FF,18,DF,DD,4E,00,21,00,AAD0
1325 DATA 82,79,A7,28,10,7E,23,FE,FF,28,07,11,04,00,19,3D,AFE2
1330 DATA 20,FC,0D,20,F0,22,CA,FF,C9,FD,21,B0,FF,FD,36,17,B8E6
1335 DATA 00,FD,36,24,87,21,D4,FF,CD,D4,BC,D0,22,D5,FF,FD,C2D8
1340 DATA 71,27,21,00,82,1E,00,FD,56,18,DF,D5,FF,D2,2C,DE,CA2B
1345 DATA C9,F3,21,FF,81,01,7F,FB,CD,7D,EF,FB,C9,0D,ED,78,D472
1350 DATA F2,7E,EF,E6,20,C8,0C,ED,78,18,F2,F3,21,00,82,01,DCB1
1355 DATA 7F,FB,CD,97,EF,FB,C9,0D,ED,78,F2,98,EF,E6,20,C8,E7FB
1360 DATA 0C,ED,78,77,23,18,F0,DD,66,01,DD,6E,00,3E,01,32,EE0E
1365 DATA 86,B2,CD,A8,C7,11,00,82,19,EB,D5,3E,08,32,86,B2,F59E
1370 DATA 06,08,1A,6F,CD,B8,C7,13,3E,20,CD,5A,BB,10,F3,D1,FCA8
1375 DATA 3E,22,32,86,B2,06,08,1A,FE,20,38,06,FE,80,30,02,01A6
1380 DATA 18,02,3E,2E,CD,5A,BB,13,10,ED,C9,FD,21,B0,FF,FD,09B1
1385 DATA 7E,1C,CD,08,DF,CD,C4,E6,C9,00,00,00,00,00,00,00,0F3F
1390 DATA FD,21,B0,FF,FD,36,16,00,21,00,9A,11,00,92,06,40,14F9
1395 DATA C5,D5,E5,23,11,BB,FF,06,0B,1A,BE,20,13,23,13,10,1AC8
1400 DATA F8,FD,34,16,E1,01,10,00,09,D1,ED,B0,C1,10,E1,C9,22EB
1405 DATA E1,01,20,00,09,D1,C1,10,D7,C9,DD,66,03,DD,6E,02,29CB
1410 DATA DD,46,01,DD,4E,00,11,00,92,7E,F5,1A,77,F1,12,23,2FE7
1415 DATA 13,0B,78,B1,20,F3,C9,DD,66,03,DD,6E,02,DD,46,01,36C1
1420 DATA DD,4E,00,11,00,92,EB,7E,12,23,13,0B,78,B1,20,F7,3C8B
1425 DATA C9,DD,66,05,DD,6E,04,DD,46,03,DD,4E,02,DD,56,00,4371
1430 DATA 72,23,0B,78,B1,20,F9,C9,DD,66,01,DD,6E,00,11,80,4A3C
1435 DATA 7D,06,80,1A,AE,77,23,13,10,F9,7C,FE,86,C8,11,80,5116
1440 DATA 7D,06,80,18,EE,00,00,00,00,00,00,00,00,00,00,00,531F
```

DATA2.BAS

```
10 MEMORY 32127:l=100:adr=32128
15 FOR t=1 TO 16:READ a$:k=VAL("&"+a$):POKE adr,k:adr=adr+1:s=s
+k+65536*(s+k>32767):NEXT:READ a$:k=VAL("&"+a$):IF s<>k THEN PR
INT CHR$(7);"Erreur ligne";l:END
20 l=l+5:IF l<445 THEN 15
25 SAVE"discpack.cod",b,32128,1102
100 DATA AB,2C,ED,EA,6C,37,3F,EC,9B,DF,7A,0C,3B,D4,6D,F5,08ED
105 DATA 04,44,03,11,DF,59,8F,21,73,7A,CC,83,DD,30,6A,30,0F14
110 DATA D3,8F,02,F0,60,6B,94,E4,B7,F3,03,A8,60,88,F0,43,181B
115 DATA E8,8E,43,A0,CA,84,31,53,F3,1F,C9,E8,AD,C0,BA,6D,219D
120 DATA 93,08,D4,6A,2C,B2,07,27,C0,99,EE,89,AF,C3,53,AB,29C2
125 DATA 2B,34,5C,2F,13,EE,AA,2C,D9,F4,BC,12,B3,C5,1C,68,311A
```

```
130 DATA 01,20,2C,FA,77,A6,B5,A4,FC,9B,F1,32,5B,C3,70,77,3996
135 DATA 85,36,BE,5B,8C,C8,B5,C2,F0,0B,98,0F,36,9D,D8,96,4218
140 DATA 4F,55,54,20,20,28,43,29,2C,FF,41,44,43,20,20,48,465F
145 DATA 4C,2C,FF,53,42,43,20,20,48,4C,2C,FF,42,43,FF,44,4C75
150 DATA 45,FF,48,4C,FF,53,50,FF,44,4E,45,47,FF,45,52,45,53E7
155 DATA 54,4E,FF,46,49,4D,20,20,20,30,FF,47,4C,44,20,20,590A
160 DATA 20,49,2C,41,FF,4D,52,45,54,49,FF,4F,4C,44,20,20,5E7E
165 DATA 20,52,2C,41,FF,56,49,4D,20,20,20,31,FF,57,4C,44,63BF
170 DATA 20,20,20,41,2C,49,FF,5E,49,4D,20,20,20,32,FF,5F,68B8
175 DATA 4C,44,20,20,20,41,2C,52,FF,67,52,52,44,FF,6F,52,6E75
180 DATA 4C,44,FF,A0,4C,44,49,FF,A1,43,50,49,FF,A2,49,4E,7631
185 DATA 49,FF,A3,4F,55,54,49,FF,A8,4C,44,44,FF,A9,43,50,7E13
190 DATA 44,FF,AA,49,4E,44,FF,AB,4F,55,54,44,FF,B0,4C,44,8600
195 DATA 49,52,FF,B1,43,50,49,52,FF,B2,49,4E,49,52,FF,B3,8E0E
200 DATA 4F,54,49,52,FF,B8,4C,44,44,52,FF,B9,43,50,44,52,950A
205 DATA FF,BA,49,4E,44,52,FF,BB,4F,54,44,52,FF,41,44,44,9CAB
210 DATA 20,20,41,2C,FF,41,44,43,20,20,41,2C,FF,53,55,42,A1B5
215 DATA 20,20,FF,53,42,43,20,20,41,2C,FF,41,4E,44,20,20,A68B
220 DATA FF,58,4F,52,20,20,FF,4F,52,20,20,20,FF,43,50,20,AC75
225 DATA 20,20,FF,3A,41,2C,28,61,29,20,32,28,61,29,2C,41,B07E
230 DATA 20,0A,41,2C,28,42,43,29,1A,41,2C,28,44,45,29,02,B34E
235 DATA 28,42,43,29,2C,41,12,28,44,45,29,2C,41,F9,53,50,B786
240 DATA 2C,70,20,20,2A,70,2C,28,61,29,20,22,28,61,29,2C,BAFA
245 DATA 70,20,EB,45,58,20,20,20,44,45,2C,70,FF,E3,45,58,C116
250 DATA 20,20,20,28,53,50,29,2C,70,FF,08,45,58,20,20,20,C50A
255 DATA 41,46,2C,41,46,27,FF,D9,45,58,58,FF,27,44,41,41,CB24
260 DATA FF,2F,43,50,4C,FF,07,52,43,4C,41,FF,17,52,4C,41,D14E
265 DATA FF,0F,52,52,43,41,FF,1F,52,52,41,FF,3F,43,43,46,D791
270 DATA FF,37,53,43,46,FF,E9,4A,50,20,20,20,28,70,29,FF,DE45
275 DATA C9,52,45,54,FF,00,4E,4F,50,FF,76,48,41,4C,54,FF,E582
280 DATA F3,44,49,FF,FB,45,49,FF,C3,4A,50,61,FF,18,4A,52,EDFA
285 DATA 66,FF,10,44,4A,4E,5A,66,FF,CD,43,41,4C,4C,61,FF,F553
290 DATA DB,49,4E,20,20,20,41,2C,28,6E,29,FF,D3,4F,55,54,FB1B
295 DATA 20,20,28,6E,29,2C,41,FF,30,30,FF,30,38,46,FF,31,00C3
300 DATA 30,46,FF,31,38,46,FF,32,30,FF,32,38,46,FF,33,30,0759
305 DATA FF,33,38,FF,50,4F,50,71,FF,20,FF,44,45,43,70,FF,0F7B
310 DATA 43,41,4C,4C,63,FF,50,55,53,48,71,FF,4E,5A,FF,5A,16AA
315 DATA FF,4E,43,FF,43,FF,50,4F,FF,50,45,FF,50,FF,4D,FF,2048
320 DATA 52,45,54,63,FF,4C,44,70,2C,61,FF,4A,50,63,2C,61,26AB
325 DATA FF,49,4E,43,70,FF,49,4E,43,73,FF,44,45,43,73,FF,2E7D
330 DATA 4C,44,73,2C,6E,FF,52,53,54,66,42,49,54,FF,52,45,34ED
335 DATA 53,FF,53,45,54,FF,42,FF,43,FF,44,FF,45,FF,48,FF,3E7B
340 DATA 4C,FF,28,48,4C,29,FF,41,FF,52,4C,43,FF,52,52,43,45B1
345 DATA FF,52,4C,FF,52,52,FF,53,4C,41,FF,53,52,41,FF,20,4DD4
350 DATA FF,53,52,4C,FF,80,85,82,85,85,85,95,80,80,A7,82,5697
355 DATA 86,85,85,95,80,80,85,82,85,85,85,95,80,80,A7,82,5F10
360 DATA 86,85,85,95,80,84,A5,A2,A5,85,85,95,80,84,A7,A2,6811
365 DATA A6,85,85,95,80,04,05,02,05,25,25,25,00,84,A7,82,6D02
370 DATA 86,85,85,95,80,C3,C3,C3,C3,CB,CB,FB,CB,C3,C3,C3,7858
375 DATA C3,83,CB,B3,CB,C3,C3,C3,C3,83,83,FB,CB,C3,C3,C3,8408
380 DATA C3,83,83,FB,CB,C3,C3,C3,C3,83,83,B3,CB,C3,C3,C3,8F70
385 DATA C3,83,83,B3,CB,A3,A3,E3,E3,A3,A3,90,A3,C3,C3,C3,9A85
390 DATA C3,83,83,B3,83,81,81,81,81,81,81,B1,81,81,81,81,A33F
395 DATA 81,81,81,B1,81,81,81,81,81,81,81,B1,81,81,81,81,ABAF
400 DATA 81,81,81,B1,81,C9,C9,C9,C9,81,81,B1,81,C9,C9,C9,B617
405 DATA C9,81,81,B1,81,C9,C9,C9,C9,81,81,B1,81,C9,C9,C9,C0C7
410 DATA C9,81,81,B1,81,85,86,85,80,86,86,91,85,85,80,85,C980
415 DATA 85,86,80,91,85,85,86,85,80,86,86,91,85,85,80,85,D1DD
420 DATA 80,86,85,91,85,85,A6,85,A0,86,A6,91,85,85,A0,85,DABA
425 DATA A0,86,85,91,85,85,86,85,80,86,86,91,85,85,A2,85,E359
430 DATA 80,86,85,91,85,00,00,21,00,7E,11,50,ED,01,A5,02,E88F
435 DATA CD,C0,81,21,A5,80,11,50,F5,01,00,01,CD,C0,81,C9,F012
440 DATA 1A,F5,7E,12,F1,77,23,13,0B,78,B1,20,F3,C9,00,00,F65F
```

CPC *jeux*

XYPHOES FANTASY

2ème niveau

Stéphane SAINT-MARTIN

Valable pour CPC (464 – 664 + ext. mémoire 64 ko) – 6128

Non, vous ne rêvez pas : grâce à Silmarils, CPC Infos vous offre le 2ème niveau complet du jeu Xyphoes Fantasy.

Bien sûr, les personnes allergiques aux datas pourront passer leur chemin car une fois de plus, les pages de CPC Infos vont être emplies de nombres mystérieux et plus ou moins hexadécimaux.

Ceux qui auront le courage de taper ce listing (qui s'étend sur deux numéros) auront la joie de pouvoir apprécier la programmation et les graphismes de ce jeu exceptionnel.

D'ailleurs pour vous faciliter la tâche, les différents listings utilisent une somme de contrôle différente. Elle permet d'éviter le problème de l'inversion des données. Ainsi, vous pourrez entrer cette masse de chiffres en étant sûr à 99 % du bon résultat final.

Pour vous aider, d'utilisez le programme Dataload présenté (à nouveau) dans nos pages.

Voici les différents programmes qui composent Xyphoes :
DAT1.BAS
DAT2A.BAS
DAT2B.BAS
DAT3.BAS
DAT4A.BAS
DAT4B.BAS
DAT5.BAS
DAT6.BAS
DAT7.BAS
ARRANGE.BAS
LOADER.BAS

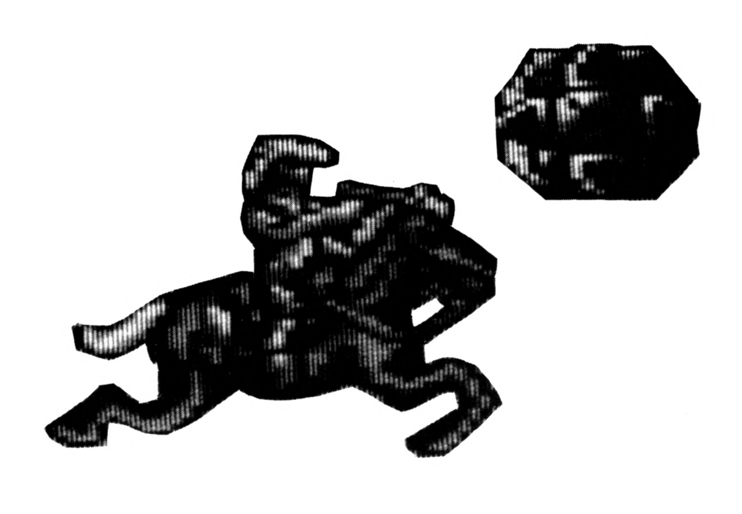
Les programmes DAT1 à DAT7 sont les données du jeu. Le programme ARRANGE va réorganiser les fichiers 1.BIN à 7.BIN (vous trouverez ce programme dans le numéro suivant). Enfin, LOADER permettra de lancer le jeu.

Ce mois-ci, vous ne trouverez que les programmes DAT1, DAT2A, DAT2B et le début de DAT3.

Paramètres à fournir à Dataload pour entrer correctement les datas de Xyphoes :

Numéro de ligne de départ	: 110
Incrément	: 10
Nombre de datas par ligne	: 15
Utilisation de «&»	: Non
Longueur de la somme	: 4
Formule de calcul	: som=som+a*j
Remise à zéro de la somme	: Oui





DAT1 - BAS

```
10 ' DATAS du PROG 1
20 ' Xyphoes Fantasy
30 ' (c) SILMARILS 1991
40 ON ERROR GOTO 100
50 MODE 2:AD=&C000:NL=110
60 FOR A=1 TO 516:B=0:FOR C=1 TO 15:READ A$
70 POKE AD,VAL("&"+A$):B=B+(PEEK(AD)*c):AD=AD+1
80 NEXT:READ E$:IF VAL("&"+E$)<>B THEN 100
90 NL=NL+10:NEXT:SAVE"1",B,&C000,&1E37:CLS:END
100 CLS:PRINT"DATA"C;"LIGNE"NL;" INCORRECT":END
110 DATA 21,23,60,46,48,E5,CD,38,BC,E1,23,7E,E5,CD,0E,3F38
120 DATA BC,E1,AF,23,46,48,E5,F5,CD,32,BC,F1,E1,3C,FE,5030
130 DATA 10,20,F1,18,12,00,00,00,00,00,00,00,00,00,00,03DD
140 DATA 00,00,00,00,00,00,00,00,21,53,60,11,00,C0,7E,1B35
150 DATA FE,AE,28,08,12,13,23,7A,B3,20,F4,C9,23,7E,23,2EAE
160 DATA 4E,12,13,0D,20,FB,18,EF,D1,D1,D1,AE,F3,04,AE,46E8
170 DATA D1,11,AE,F3,06,AE,D1,1B,AE,F3,09,AE,D1,05,AE,3EC6
180 DATA C0,09,E2,AE,F3,04,AE,E2,14,F3,F3,F3,AE,E2,15,4D4D
190 DATA C0,C0,AE,E2,09,AE,F3,08,AE,E2,04,AE,C0,08,AE,3EA0
200 DATA F3,05,AE,D1,0C,C0,C0,C0,AE,D1,1B,AE,C0,06,AE,4226
210 DATA D1,07,AE,F3,09,AE,D1,04,AE,C0,07,F3,F3,F3,E2,50FB
220 DATA E2,AE,C0,05,E2,E2,E2,AE,C0,0A,AE,E2,0A,C0,AE,4850
230 DATA E2,0C,AE,C0,09,AE,E2,04,AE,F3,0C,AE,E2,07,C0,3FF7
240 DATA C0,AE,F3,04,AE,C0,14,AE,D1,06,AE,C0,08,D1,D1,430B
250 DATA D1,AE,C0,0E,D1,D1,D1,AE,F3,11,AE,D1,04,C0,F3,4C33
260 DATA F3,AE,E2,04,AE,C0,14,E2,E2,AE,C0,1B,E2,E2,E2,51DD
270 DATA AE,F3,11,AE,E2,05,AE,F3,04,AE,D1,05,AE,C0,2C,3C72
280 DATA AE,D1,07,AE,F3,11,D1,D1,D1,AE,F3,05,AE,E2,07,44EE
290 DATA AE,C0,28,AE,E2,0B,AE,F3,0E,E2,E2,F3,F3,D1,D1,58D4
300 DATA F3,F3,AE,D1,07,AE,C0,27,AE,D1,11,AE,F3,0A,D1,4323
310 DATA F3,AE,E2,0B,AE,C0,29,AE,E2,12,AE,F3,0A,AE,D1,455F
320 DATA 07,AE,C0,2E,AE,D1,11,AE,F3,0A,AE,E2,06,AE,C0,42A1
330 DATA 32,AE,E2,12,AE,F3,06,D1,D1,AE,C0,3C,AE,D1,0E,4291
340 DATA AE,F3,04,E2,AE,C0,41,AE,E2,0B,F3,F3,F3,AE,C0,5495
350 DATA 42,AE,D1,0B,F3,F3,F3,AE,C0,23,48,48,48,AE,C0,41C5
360 DATA 21,AE,E2,06,F3,F3,F3,AE,C0,1F,AE,84,08,AE,C0,458D
370 DATA 21,AE,D1,08,AE,C0,1B,AE,48,11,AE,C0,1F,AE,E2,3E24
380 DATA 05,AE,C0,1A,AE,84,0B,0C,0C,0C,AE,84,04,AE,C0,2EBA
390 DATA 22,D1,D1,AE,C0,11,48,48,AE,C0,08,AE,48,06,AE,3399
400 DATA 0C,07,AE,48,09,AE,C0,1F,84,84,AE,C0,0D,AE,84,39EC
410 DATA 06,AE,C0,08,AE,84,04,AE,0C,08,AE,84,07,AE,C0,3351
420 DATA 20,AE,48,07,AE,C0,06,AE,48,0B,AE,C0,07,AE,48,3177
430 DATA 04,AE,0C,07,AE,48,0A,AE,C0,1C,AE,84,1B,AE,C0,3811
440 DATA 06,84,84,84,AE,0C,0A,AE,84,05,AE,C0,1D,AE,48,3293
450 DATA 1E,AE,C0,04,48,48,AE,0C,0A,AE,48,04,AE,C0,09,2A4F
460 DATA 48,AE,C0,14,AE,84,13,0C,AE,84,0B,C0,C0,C0,84,3C52
470 DATA 84,AE,0C,0C,AE,84,04,AE,C0,04,84,84,84,AE,C0,3C7A
480 DATA 05,84,84,AE,C0,0E,AE,48,04,AE,0C,05,AE,48,07,2546
490 DATA AE,0C,06,AE,48,0D,AE,0C,0C,AE,48,18,AE,C0,09,29B5
500 DATA AE,0C,1B,AE,84,07,AE,0C,0F,AE,84,13,AE,C0,0C,2D9C
510 DATA AE,0C,33,AE,48,11,AE,C0,0C,AE,0C,34,AE,84,04,2B1D
520 DATA 0C,0C,0C,AE,84,0A,AE,C0,0B,AE,0C,3D,AE,48,0A,287D
530 DATA AE,C0,09,AE,0C,40,AE,84,0B,AE,C0,05,AE,0C,40,2C88
540 DATA AE,48,10,AE,0C,41,AE,84,04,0C,AE,84,0A,AE,0C,27CA
550 DATA 43,48,0C,0C,0C,48,0C,0C,AE,48,06,AE,0C,4C,AE,2415
560 DATA 84,04,AE,0C,4D,48,48,48,AE,0C,0D,AE,8C,04,AE,2B02
570 DATA 0C,46,AE,4C,0D,AE,0C,42,AE,8C,12,AE,0C,39,AE,2CFB
580 DATA 4C,1A,AE,0C,35,AE,8C,0B,AE,CC,04,AE,8C,0F,AE,348D
590 DATA 0C,32,AE,CC,04,AE,4C,04,AE,CC,0D,AE,4C,09,AE,315F
600 DATA 0C,32,AE,CC,1B,AE,8C,04,CC,AE,0C,30,AE,CC,1F,34C4
610 DATA 4C,4C,4C,0C,0C,0C,4C,AE,0C,2A,AE,CC,20,AE,8C,3072
620 DATA 04,0C,8C,8C,AE,0C,29,AE,CC,21,AE,4C,08,AE,0C,2C4D
630 DATA 27,98,98,AE,CC,15,AE,98,06,AE,CC,07,AE,8C,07,34D4
640 DATA 0C,8C,AE,0C,23,AE,64,06,AE,CC,0E,AE,64,0C,AE,31D3
650 DATA CC,04,4C,CC,CC,CC,AE,4C,05,0C,0C,0C,4C,4C,4C,22FF
660 DATA AE,0C,1D,AE,98,0A,AE,CC,06,AE,98,0A,30,30,AE,2F6F
670 DATA 98,06,AE,CC,07,AE,8C,06,0C,AE,8C,04,AE,0C,1C,26A7
680 DATA AE,64,17,30,30,AE,64,09,AE,CC,0A,AE,4C,07,0C,2621
690 DATA 0C,0C,4C,AE,0C,19,30,30,AE,98,11,AE,30,09,AE,2973
700 DATA 98,04,AE,CC,0E,AE,8C,04,0C,0C,AE,8C,06,0C,0C,1EC0
710 DATA 8C,8C,8C,0C,8C,8C,8C,AE,0C,0D,AE,30,05,AE,64,2D09
720 DATA 0B,AE,30,0B,AE,64,0A,AE,CC,0C,AE,4C,0A,0C,0C,2223
730 DATA 4C,4C,4C,0C,4C,AE,0C,0E,AE,30,0B,AE,98,04,AE,2B0D
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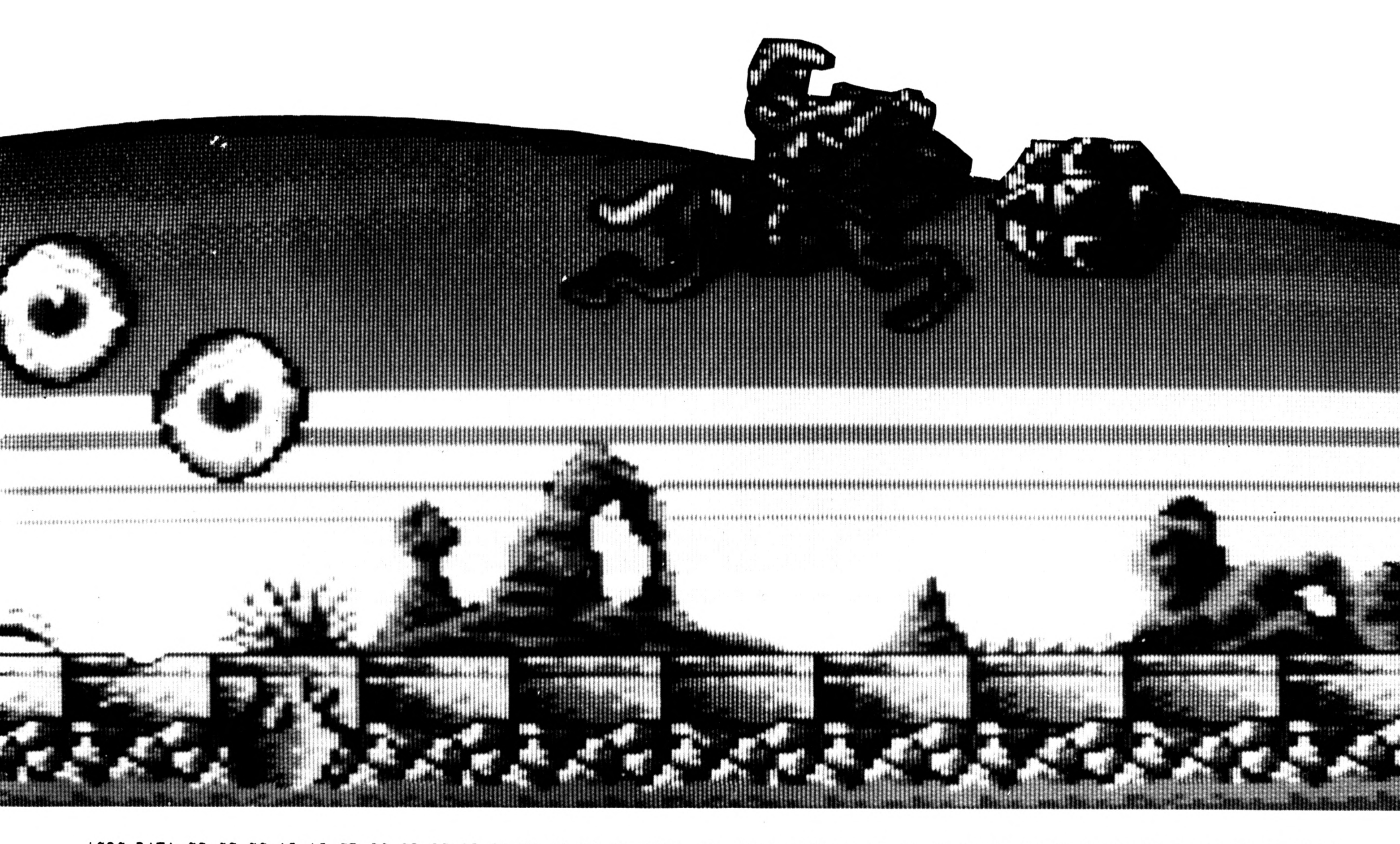


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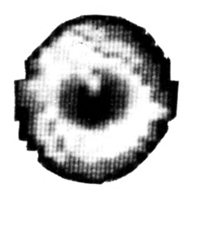
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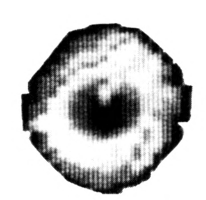
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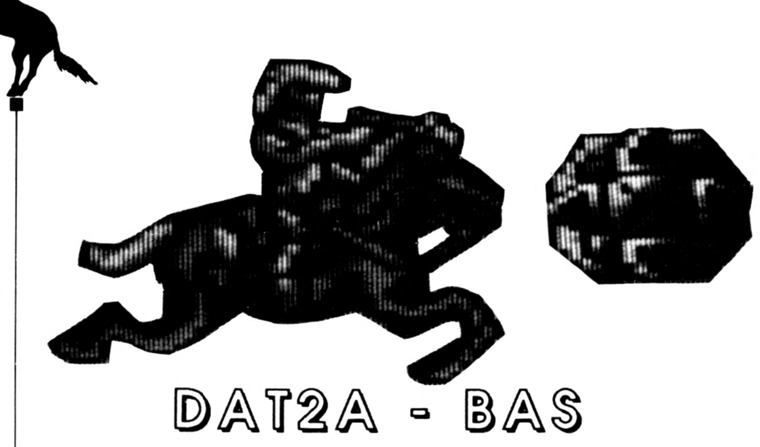


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4460 DATA AE,00,07,06,FE,04,00,1B,AE,00,07,06,00,03,00,0D9E
4470 DATA 1B,AE,00,07,06,00,03,00,1E,AE,00,07,06,00,03,0A6F
4480 DATA 00,26,AE,00,07,06,FE,04,00,1E,AE,00,07,06,00,1304
4490 DATA 03,00,26,AE,00,07,06,00,03,00,27,00,00,00,17,06A2
4500 DATA 00,09,00,06,00,03,00,28,AE,00,07,06,FE,04,00,154D
4510 DATA 27,AE,00,07,06,00,03,00,28,AE,00,07,06,00,03,0AD5
4520 DATA 00,27,AE,00,07,06,00,03,00,28,AE,00,07,06,FE,1B52
4530 DATA 04,00,27,AE,00,07,06,00,03,00,28,AE,00,07,06,0E3C
4540 DATA 00,03,00,08,18,05,00,1F,00,00,00,06,00,03,00,0226
4550 DATA 14,18,05,00,1F,00,00,00,06,FE,04,00,16,18,05,0DF5
4560 DATA 00,20,00,00,00,06,00,03,00,22,18,05,00,1F,00,04C6
4570 DATA 00,00,06,00,03,AE,00,05,1F,00,00,00,06,00,03,05EF
4580 DATA AE,00,05,1F,00,00,00,06,FE,04,00,17,0A,05,00,0C5B
4590 DATA 20,00,00,00,06,00,03,00,17,0C,05,00,1F,00,00,0364
4600 DATA 00,06,00,03,00,08,18,05,00,1F,00,00,00,06,00,02A2
4610 DATA 03,00,14,18,05,00,1F,00,00,00,06,FE,04,00,16,0F39
4620 DATA 18,05,00,20,00,00,00,06,00,03,00,24,18,05,00,041E
4630 DATA 1F,00,00,00,06,00,03,AE,00,05,1F,00,00,00,06,07A3
4640 DATA 00,03,AE,00,05,1F,00,00,00,06,FE,04,00,17,16,10C5
4650 DATA 05,00,20,00,00,00,06,00,03,00,17,18,05,00,1F,04D9
4660 DATA 00,00,00,06,03,0B,00,1B,24,05,00,1F,03,00,00,0452
4670 DATA 06,03,0B,00,23,24,05,00,1F,03,00,00,06,01,0C,041C
4680 DATA 00,25,18,05,00,20,01,00,00,06,03,0B,00,17,1B,0525
4690 DATA 05,00,1F,03,00,00,06,03,0B,00,1B,24,05,00,1F,05FE
4700 DATA 03,00,00,06,03,0B,00,23,24,05,00,1F,03,00,00,0495
4710 DATA 06,01,0C,00,25,18,05,00,20,01,00,00,06,03,0B,03DF
4720 DATA 00,17,14,05,00,1F,03,00,00,17,F9,0E,00,17,00,0ED0
4730 DATA 09,00,17,00,09,AE,00,3D,15,01,11,01,0C,01,15,09EA
4740 DATA 01,11,01,0C,01,15,01,11,01,0C,01,15,01,11,01,03FA
4750 DATA 0C,01,16,01,13,01,0C,01,16,01,13,01,0C,01,16,04B6
4760 DATA 01,13,01,0C,01,16,01,13,01,0C,01,18,01,15,01,0470
4770 DATA 0C,01,18,01,15,01,0C,01,18,01,15,01,0C,01,18,050C
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4780 DATA 01,15,01,0C,01,13,01,10,01,0C,01,13,01,10,01,03C8
4790 DATA 0C,01,13,01,10,01,0C,01,13,01,10,01,0C,01,11,0417
4800 DATA 01,0E,01,0A,01,11,01,0E,01,0A,01,11,01,0E,01,034E
4810 DATA 0A,01,11,01,0E,01,0A,01,18,01,00,00,18,01,18,046D
4820 DATA 01,00,00,18,01,24,01,00,00,24,01,24,01,00,00,0475
4830 DATA 24,01,00,01,00,07,00,07,00,07,00,07,00,07,00,0188
4840 DATA 01,00,07,00,07,00,07,00,07,00,07,18,01,AE,00,0BA7
4850 DATA 0A,1F,01,AE,00,0B,01,00,07,00,07,00,02,00,07,045B
4860 DATA 00,07,00,07,00,07,00,01,00,02,00,07,00,07,00,0126
4870 DATA 01,00,07,00,07,00,02,00,07,00,07,00,07,00,07,0197
4880 DATA 00,01,00,02,00,07,00,01,00,01,00,07,00,07,00,00FC
4890 DATA 02,00,07,00,07,00,07,00,07,00,01,00,02,00,02,00ED
4900 DATA 00,02,00,01,18,04,18,04,00,02,18,04,18,04,24,0638
4910 DATA 04,24,04,00,01,00,02,24,04,24,04,00,01,18,04,04DC
4920 DATA 18,04,00,02,18,04,18,04,24,01,24,04,00,01,00,0498
4930 DATA 02,24,04,00,01,00,01,18,04,18,04,00,02,18,04,0408
4940 DATA 18,04,24,04,24,04,00,01,00,02,00,02,00,02,00,01B8
4950 DATA 01,18,05,18,05,00,02,18,05,18,05,24,05,24,05,070F
4960 DATA 00,01,00,02,24,05,24,05,21,01,AE,00,12,1F,01,0D58
4970 DATA 21,01,22,01,AE,00,12,21,01,22,01,24,01,AE,00,1222
4980 DATA 10,24,01,29,01,28,01,29,01,AE,00,12,24,01,22,0ED0
4990 DATA 01,1D,01,AE,00,04,1B,01,AE,00,04,1A,01,AE,00,14E6
5000 DATA 04,18,01,AE,00,04,22,01,AE,00,12,21,01,1F,01,0E3B
5010 DATA 16,01,AE,00,08,16,01,18,01,AE,00,04,1A,01,AE,162C
5020 DATA 00,04,1F,01,AE,00,17,01,18,08,18,08,00,02,18,088C
5030 DATA 08,18,08,24,08,24,08,00,01,00,02,24,08,24,08,06BF
5040 DATA 00,01,18,08,18,08,00,02,18,08,18,08,24,01,24,07B0
5050 DATA 08,00,01,00,02,24,08,00,01,00,01,18,08,18,08,0489
5060 DATA 00,02,18,08,18,08,24,08,24,08,00,01,00,02,00,040C
5070 DATA 02,00,02,12,01,AE,00,0A,14,01,AE,00,0A,16,01,0EB6
5080 DATA AE,00,0A,19,01,00,00,18,01,00,00,14,01,00,00,02FB
5090 DATA 16,01,AE,00,0A,0F,01,AE,00,0B,01,00,00,00,07,0907
5100 DATA 00,07,00,00,00,07,00,02,00,00,00,07,00,07,00,00FE
5110 DATA 00,00,07,00,01,18,0B,00,01,00,02,1A,0B,00,01,02EC
5120 DATA 00,01,1B,0B,00,01,00,02,1F,0B,00,02,00,01,16,038A
5130 DATA 0B,00,01,00,02,18,0B,00,01,00,01,1A,0B,00,01,02DF
5140 DATA 00,02,1D,0B,00,02,18,01,1A,01,1B,01,1D,01,1F,06C4
5150 DATA 01,20,01,22,01,23,01,24,01,26,01,27,01,29,01,0888
5160 DATA 18,01,AE,00,0A,13,01,AE,00,0A,16,01,AE,00,0A,130D
5170 DATA 19,01,AE,00,0A,18,01,AE,00,0A,1F,01,AE,00,0A,138F
5180 DATA 27,01,25,01,22,01,25,01,22,01,20,01,22,01,20,08A7
5190 DATA 01,1E,01,20,01,1E,01,20,01,00,07,00,00,00,01,02E5
5200 DATA 00,07,00,00,00,07,00,02,00,00,00,07,00,07,00,00FE
5210 DATA 00,00,01,00,01,00,00,00,07,00,02,00,00,00,07,00C6
5220 DATA 00,07,00,00,00,01,00,02,00,00,00,07,00,01,00,0086
5230 DATA 00,00,07,00,02,00,00,00,07,00,07,00,00,00,01,00BA
5240 DATA 00,02,00,02,00,02,AE,00,00,AE,00,00,AE,00,00,147C
5250 DATA AE,00,00,AE,00,00,AE,00,00,AE,00,00,AE,00,00,17CA
5260 DATA AE,00,00,AE,00,DA,01,AE,00,2F,00,00,00,00,00,0FCF
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DAT2A - BAS

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10 ' DATAS du PROG 2A
20 ' Xyphoes Fantasy
30 ' (c) SILMARILS 1991
40 ON ERROR GOTO 100
50 MODE 2:AD=&C000:NL=110
60 FOR A=1 TO 547:B=0:FOR C=1 TO 15:READ A$
70 POKE AD,VAL("&"+A$):B=B+(PEEK(AD)*c):AD=AD+1
80 NEXT:READ E$:IF VAL("&"+E$)<>B THEN 100
90 NL=NL+10:NEXT:SAVE"2A",B,&C000,&2000:CLS:END
100 CLS:PRINT"DATA"C;"LIGNE"NL;" INCORRECT":END
110 DATA 21,10,2F,11,80,BE,01,3D,00,D5,ED,B0,C9,21,4D,353C
120 DATA 2F,11,00,21,01,B4,2B,ED,43,A3,BE,01,10,7F,F3,3495
130 DATA ED,49,7E,FE,76,28,1A,12,13,23,06,7F,F6,40,A0,2D12
140 DATA 00,00,01,00,00,0B,ED,43,A3,BE,78,B1,20,E5,FB,404E
150 DATA C9,00,00,23,7E,23,4E,12,13,0D,20,FB,18,DD,76,29D8
160 DATA 00,0B,F3,A2,76,00,12,51,3C,79,A2,76,00,11,B6,29B7
170 DATA 9C,B4,79,76,00,11,51,6C,9C,F0,A2,76,00,10,F2,35AC
180 DATA C8,E6,9C,A2,76,00,10,F2,90,F3,D1,76,00,10,51,33EE
190 DATA E4,E6,70,A2,00,00,51,76,00,0D,51,E4,F3,98,A2,3941
200 DATA 00,00,B6,A2,76,00,0C,F3,68,F3,E6,A2,00,00,F2,3BB2
210 DATA A2,76,00,0C,B6,D1,64,F3,00,51,F3,2C,F1,76,00,36E2
220 DATA 0C,F3,E7,B2,A2,00,F3,79,C4,78,A2,76,00,0B,E6,3B2C
230 DATA B3,3A,A2,00,B6,CD,48,94,A2,76,00,0B,B2,F1,77,3A04
240 DATA F3,51,B0,C5,CC,C4,A2,76,00,0B,E6,71,37,B2,F3,41CB
250 DATA 6C,91,30,59,76,00,0C,F3,70,B7,E6,F2,D9,19,C8,4627
260 DATA 8C,A2,76,00,0B,E7,98,F1,F3,B6,E2,CD,62,F3,D1,55FF
270 DATA 76,00,0B,E7,E6,7F,F3,7B,A6,CD,62,C0,59,76,00,3C2F
280 DATA 0B,E7,73,37,BB,33,7B,E7,9B,C4,48,A2,76,00,09,31CC
290 DATA 51,9B,3F,B3,7B,F3,33,7B,CF,3A,8C,A2,76,00,09,3012
300 DATA 51,F3,7F,F3,E6,71,F3,F3,C0,9F,60,D1,76,00,09,3E48
310 DATA F3,E9,F3,51,F3,D9,0C,48,C0,C5,37,CA,A2,76,00,3C40
320 DATA 05,51,F3,F3,F3,FC,F9,B2,D9,A6,24,C8,C0,C0,CF,57BC
330 DATA 60,A2,76,00,05,E2,C0,84,C8,FC,F3,32,60,4C,0C,3930
340 DATA C8,C0,E2,CA,C4,A2,76,00,04,51,C0,48,C4,60,E6,3E8C
350 DATA E2,CE,48,4C,4C,48,D1,51,9B,D1,76,00,05,E2,84,36F9
360 DATA FC,84,D1,CC,E2,9B,48,AC,4C,0C,D1,00,B3,D9,76,3F09
370 DATA 00,04,51,C8,4C,FC,C0,D1,98,E2,C5,C0,AC,CC,48,4F06
380 DATA A2,00,E7,D1,76,00,04,B6,C0,CC,F8,C0,E6,D8,E2,55D1
390 DATA C5,6A,EC,8C,C0,A2,00,E7,DB,76,00,04,B6,84,98,3B2E
400 DATA E9,E0,E2,71,90,60,9F,FC,84,C0,A2,51,6F,A2,00,3DC1
410 DATA 00,00,51,78,84,98,E9,F1,90,71,90,0C,C5,7E,48,3C35
420 DATA D1,00,51,73,76,00,04,51,B0,C4,30,FC,79,98,E2,3FED
430 DATA 30,C8,C0,37,C8,D1,00,B3,DB,76,00,04,B6,6C,4C,335B
440 DATA 24,FC,D3,D8,E2,CC,48,D4,9B,2E,D1,51,67,A2,76,42C6
450 DATA 00,04,F2,6C,4C,24,D4,E6,71,C0,0C,C0,D4,ED,37,43CE
460 DATA C0,E7,DB,76,00,04,51,D8,71,4C,8C,D4,E6,71,C0,4407
470 DATA C0,C0,FC,B8,9B,67,CF,A2,00,00,00,F3,51,9C,D9,3CFE
480 DATA 84,C8,CC,F6,F6,C0,C0,D4,FC,98,65,CA,F3,76,00,4CE4
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490 DATA 04,E6,B6,B0,F3,84,C8,4C,F6,F6,C0,C0,FC,E8,18,54C7
500 DATA 64,C8,A2,76,00,04,B6,70,6C,F3,84,0C,90,B3,FB,4199
510 DATA C0,C0,64,48,18,30,48,A2,76,00,04,B6,F0,79,00,2CD4
520 DATA E2,0C,C0,B3,6A,42,C0,CC,48,4C,64,C0,A2,76,00,36BE
530 DATA 04,E6,3C,71,00,E2,4C,C0,59,62,56,90,8C,C0,C4,4027
540 DATA 24,C0,A2,76,00,04,E6,70,D9,00,E2,C4,C0,D1,62,44B7
550 DATA E8,C4,8C,C0,84,60,C0,A2,76,00,04,51,CC,A2,00,318E
560 DATA E2,4C,59,C0,81,E8,CC,0C,C0,84,CC,48,D1,76,00,3C8B
570 DATA 05,F3,00,51,C0,18,D1,F3,D4,C0,0C,C0,D1,E2,98,4D27
580 DATA 8C,C0,F3,76,00,06,F3,84,8C,A2,00,E2,C0,C0,D1,47FD
590 DATA F3,D1,84,98,48,C0,A2,76,00,04,51,D1,84,60,A2,3768
600 DATA 00,51,F3,F3,A2,E2,D1,E2,0C,C0,48,A2,76,00,04,355A
610 DATA 51,C0,C4,59,76,00,06,E2,D9,51,C0,4C,24,A2,76,373E
620 DATA 00,04,E2,59,4C,D1,76,00,06,51,C0,A2,F3,C0,8C,3FF1
630 DATA D1,76,00,04,E2,C0,4C,A2,76,00,06,51,C4,A2,00,2CDF
640 DATA E2,4C,59,76,00,04,A6,D1,18,A2,76,00,06,51,C4,2BFD
650 DATA A2,00,51,A6,60,A2,00,00,00,E6,F3,90,A2,76,00,32B4
660 DATA 06,51,84,A2,00,00,E2,24,A2,00,00,51,90,F3,90,3292
670 DATA A2,76,00,06,51,84,A2,00,00,51,0C,A2,00,00,51,1AC6
680 DATA 84,A2,B2,A2,76,00,06,51,84,A2,00,00,51,C4,A2,2EB1
690 DATA 00,00,51,48,A2,E6,A2,76,00,07,E2,A2,00,00,00,2453
700 DATA E6,D1,00,00,51,60,A2,E6,A2,76,00,07,E2,A2,00,30F3
710 DATA 00,00,B2,D1,00,00,51,D9,51,84,A2,76,00,07,E2,3078
720 DATA A2,00,00,51,90,D1,00,51,E2,59,51,84,A2,76,00,2FE9
730 DATA 07,E2,A2,00,00,51,4C,A2,00,51,A6,D1,51,48,A2,325E
740 DATA 76,00,07,E2,D9,00,00,E2,24,A2,00,51,8C,D1,51,320D
750 DATA C8,A2,76,00,07,E2,59,00,00,E6,60,A2,00,51,48,28A6
760 DATA A2,51,C4,A2,76,00,07,E2,59,00,00,A6,C8,A2,00,2D94
770 DATA 51,D1,00,51,90,D1,76,00,07,51,C4,A2,00,E2,59,3327
780 DATA 00,00,51,A2,00,00,A6,71,76,00,07,51,84,A2,00,235C
790 DATA F3,D1,76,00,06,E2,59,76,00,07,51,84,D1,00,51,28CD
800 DATA A2,76,00,06,51,D1,76,00,08,E2,D9,76,00,0A,F3,321B
810 DATA 76,00,08,E2,48,A2,76,00,12,E2,C0,A2,76,00,12,2CDE
820 DATA E2,D1,76,00,13,51,A2,76,00,10,51,F3,76,00,13,24E3
830 DATA B6,3C,F3,76,00,11,51,6C,78,3C,A2,76,00,11,B6,2A82
840 DATA CC,78,F1,76,00,10,51,E4,D1,CC,79,76,00,10,51,2FC9
850 DATA E0,71,E2,A2,76,00,10,F2,D9,98,F1,00,00,00,A2,32A8
860 DATA 76,00,0D,F2,D9,E6,71,00,00,51,79,76,00,0C,51,2469
870 DATA B6,D1,F3,D9,00,00,51,F1,76,00,0C,51,68,B2,D9,3685
880 DATA A2,00,F3,B6,58,A2,76,00,0B,51,F3,DB,71,00,51,31CF
890 DATA B6,E2,9C,F1,76,00,0B,51,D9,37,71,00,51,6C,8E,2E2E
900 DATA C0,79,76,00,0B,51,70,B3,FB,A2,F2,60,CE,C8,D9,4E03
910 DATA 76,00,0B,51,98,B3,7B,71,B6,C8,32,24,A2,76,00,30A4
920 DATA 0B,51,B2,F1,7B,D9,E4,A6,66,C4,59,76,00,0B,51,3362
930 DATA CE,70,F3,F3,79,C4,9B,D1,E2,A2,76,00,0A,51,DB,3F2A
940 DATA 9D,FB,B7,F3,4C,9B,C0,84,A2,76,00,0A,51,9B,B3,38DC
950 DATA 7F,33,37,F3,CF,62,8C,D1,76,00,0A,E7,37,7B,37,322F
960 DATA F3,B3,37,E7,9F,64,59,76,00,0A,F3,B7,FB,F3,98,4886
970 DATA F3,F3,E2,C5,3A,C0,A2,76,00,08,51,F6,D3,A2,F3,4776
980 DATA E6,A6,0C,C0,C0,9B,6F,D1,76,00,06,F3,F3,F3,F6,4E20
990 DATA FC,F3,64,F3,18,4C,C0,C0,C5,9A,D1,76,00,05,51,35D3
1000 DATA C0,C0,4C,D4,F9,B3,30,84,8C,4C,C0,D1,C5,C0,D9,501B
1010 DATA 76,00,05,E2,84,C0,98,D1,D9,C5,8C,84,8C,8C,C0,4B5C
1020 DATA A2,E7,62,A2,76,00,04,51,C0,5C,E8,48,E6,D9,C5,45D7
1030 DATA 26,D4,0C,8C,48,A2,51,66,A2,76,00,04,E6,84,DC,3905
1040 DATA E8,C0,E6,71,C0,CA,D4,4C,8C,D1,00,51,CA,A2,00,3B86
1050 DATA 00,00,51,C8,C4,DC,E0,D1,CC,F1,C0,9F,D4,CC,48,5425
1060 DATA D1,00,51,CF,A2,00,00,00,F2,68,4C,74,D2,D1,90,3BF8
1070 DATA E2,30,C5,7E,E8,48,D1,00,B7,DB,00,00,00,51,F0,32F3
1080 DATA 60,4C,74,D2,E2,30,E2,24,48,9F,AC,C0,A2,00,B3,3E4D
1090 DATA A2,00,51,00,B2,38,E2,98,74,BC,E6,71,90,64,C0,43EF
1100 DATA 91,6E,C0,A2,51,67,A2,00,B2,F3,D8,6C,A6,98,5C,42DC
1110 DATA E9,E6,F1,C4,8C,C0,ED,37,48,A2,B3,DB,00,00,B6,3D82
1120 DATA 98,F0,71,A6,98,48,F9,98,E2,84,48,C0,FC,9B,6A,4B48
1130 DATA D1,CF,A2,00,00,B6,70,38,D9,A6,CC,48,F9,98,E2,49DD
1140 DATA C0,C0,D4,FC,65,33,CF,DB,00,00,00,E6,F0,64,A2,3E46
1150 DATA E2,4C,C4,D9,F9,E8,C0,C0,FC,EC,30,CF,D1,A2,00,4E08
1160 DATA 00,00,51,64,D9,00,E2,C4,84,D9,F9,E8,C0,D4,FC,59DB
1170 DATA 84,30,CC,D1,76,00,05,F3,A2,00,51,84,48,71,77,30C1
1180 DATA E2,C0,90,8C,84,30,24,D1,76,00,08,51,84,48,D1,30A7
1190 DATA 37,81,C0,C4,8C,84,98,C8,D1,76,00,08,51,C0,C8,3D6F
1200 DATA 84,B3,81,E8,64,48,C0,98,48,D1,76,00,08,51,C0,348B
1210 DATA C8,C0,B3,D4,C0,CC,48,C0,18,C0,D1,76,00,08,51,343B
1220 DATA C0,8C,C0,C0,56,C4,8C,48,C0,4C,8C,A2,76,00,08,313C
1230 DATA 51,84,24,F3,E2,E8,84,48,C0,F3,C4,64,A2,76,00,414F
1240 DATA 07,51,E2,84,60,F3,F3,C0,C0,C0,F3,F3,E2,4C,D1,598C
1250 DATA 76,00,07,E2,E2,C4,71,E2,C0,F3,F3,F3,E2,59,51,5266
1260 DATA C4,59,76,00,07,E2,E2,4C,D1,C0,F3,00,00,00,E2,375D
1270 DATA D9,51,84,71,76,00,06,51,84,E2,18,F3,F3,76,00,367A
1280 DATA 04,E2,D9,51,C0,D9,76,00,06,51,C4,E2,98,A2,76,3F89
1290 DATA 00,04,51,C0,A2,00,E2,C8,A2,76,00,05,51,59,C0,3258
1300 DATA D9,76,00,05,51,84,A2,00,E2,0C,A2,76,00,05,51,24E1
1310 DATA D9,C0,71,76,00,05,51,84,A2,00,E2,18,A2,76,00,2B2F
1320 DATA 05,E2,D1,84,71,76,00,05,51,C4,A2,00,51,C4,A2,3537
1330 DATA 76,00,05,E2,D1,84,A2,76,00,05,51,C4,A2,00,51,2D2E
1340 DATA 84,D1,76,00,05,A6,D9,C4,A2,76,00,05,51,D1,00,2DA9
1350 DATA 00,51,84,71,76,00,04,51,90,E2,4C,A2,76,00,05,27ED
1360 DATA E2,D1,00,00,00,E2,71,76,00,04,F3,CC,E2,D9,76,4102
1370 DATA 00,06,E2,59,00,00,00,51,59,76,00,04,E2,84,E2,2E7B
1380 DATA D9,76,00,06,E2,D9,00,00,00,51,90,A2,00,00,00,1C4F
1390 DATA E2,D1,84,A2,76,00,06,E2,D9,76,00,04,E6,A2,00,3117
1400 DATA 00,00,F3,F3,C4,A2,76,00,06,E2,D9,76,00,04,A6,3356
1410 DATA A2,00,00,00,F3,D1,59,76,00,06,51,C4,A2,76,00,2BFB
1420 DATA 04,E2,59,00,00,00,E2,84,D9,76,00,06,51,84,A2,2E79
1430 DATA 76,00,04,51,71,00,00,00,E2,4C,A2,76,00,06,51,2076
1440 DATA C0,D9,76,00,04,51,D9,00,00,00,A6,D9,76,00,08,2381
1450 DATA E2,59,76,00,04,51,18,A2,00,00,F3,A2,76,00,08,2327
1460 DATA E2,4C,A2,00,00,00,51,C4,A2,76,00,0C,E2,84,A2,32C5
1470 DATA 00,00,00,51,84,71,76,00,0C,F3,F3,76,00,05,F3,321E
1480 DATA F3,76,00,0C,51,F3,76,00,13,B6,3C,F3,76,00,11,294C
1490 DATA 51,6C,78,3C,A2,76,00,11,B6,CC,78,F1,76,00,10,2FB7
1500 DATA 51,E4,D1,CC,79,76,00,10,51,E0,71,E2,A2,76,00,3717
1510 DATA 10,F2,D9,98,F1,00,00,00,A2,76,00,0D,F2,D9,E6,3C20
1520 DATA 71,00,00,51,79,76,00,0C,51,B6,D1,F3,D9,00,00,308F
1530 DATA 51,F1,76,00,0C,51,68,B2,D9,A2,00,F3,B6,58,A2,3F04
1540 DATA 76,00,0B,51,F3,DB,71,00,51,B6,E2,9C,F1,76,00,3C7F
1550 DATA 0B,51,D9,37,71,00,51,6C,8E,C0,79,76,00,0B,51,2872
1560 DATA 70,B3,FB,A2,F2,60,CE,C8,D9,76,00,0B,51,98,B3,3DD6
1570 DATA 7B,71,B6,C8,32,24,A2,76,00,0B,51,B2,F1,7B,D9,3C7E
1580 DATA E4,A6,66,C4,59,76,00,0B,51,CE,70,F3,F3,79,C4,44D5
1590 DATA 9B,D1,E2,A2,76,00,0A,51,DB,9D,FB,B7,F3,4C,9B,474D
1600 DATA C0,84,A2,76,00,0A,51,9B,B3,7F,33,37,F3,CF,62,3A3E
1610 DATA 8C,D1,76,00,0A,E7,37,7B,37,F3,B3,37,E7,9F,64,3E80
1620 DATA 59,76,00,0A,F3,B7,FB,F3,98,F3,F3,E2,C5,3A,C0,5537
1630 DATA A2,76,00,08,51,F6,D3,A2,F3,E6,A6,0C,C0,C0,9B,4A6A
1640 DATA 6F,D1,76,00,06,F3,F3,F3,F6,FC,F3,64,F3,18,4C,4B3A
1650 DATA C0,C0,C5,9A,D1,76,00,05,51,C0,C0,4C,D4,F9,B3,4700
1660 DATA 30,84,8C,4C,C0,D1,C5,C0,D9,76,00,04,51,E2,84,3CB7
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1670 DATA C0,98,D1,D9,C5,8C,84,8C,8C,C0,A2,E7,62,A2,76,49DA
1680 DATA 00,04,E6,C0,5C,E8,48,E6,D9,C5,26,D4,0C,8C,48,3D7F
1690 DATA A2,51,66,A2,00,00,00,51,B4,84,DC,E8,C0,E6,71,4449
1700 DATA C0,CA,D4,4C,8C,D1,00,51,CA,A2,00,00,00,F2,B0,3524
1710 DATA C4,DC,E0,D1,CC,F1,C0,9F,D4,CC,48,D1,00,51,CF,4919
1720 DATA A2,00,A2,51,34,71,4C,74,D2,D1,90,E2,30,C5,7E,4216
1730 DATA E8,48,D1,00,B7,DB,00,51,71,E6,B4,D9,4C,74,D2,4487
1740 DATA E2,30,E2,24,48,9F,AC,C0,A2,00,B3,A2,00,51,6C,340B
1750 DATA 70,B0,E2,98,74,BC,E6,71,90,64,C0,91,6E,C0,A2,48EC
1760 DATA 51,67,A2,00,51,38,B4,64,A6,98,5C,E9,E6,F1,C4,4CF4
1770 DATA 8C,C0,ED,37,48,A2,B3,DB,00,00,51,D8,B0,D9,A6,42C3
1780 DATA 98,48,F9,98,E2,84,48,C0,FC,9B,6A,D1,CF,A2,00,4690
1790 DATA 00,00,B2,CC,A2,A6,CC,48,F9,98,E2,C0,C0,D4,FC,59AB
1800 DATA 65,33,CF,DB,76,00,04,51,F3,00,E2,4C,C4,D9,F9,45D0
1810 DATA E8,C0,C0,FC,EC,30,CF,D1,A2,76,00,07,E2,C4,84,4315
1820 DATA D9,F9,E8,C0,D4,FC,84,30,CC,D1,76,00,08,51,84,38A5
1830 DATA 48,71,77,E2,C0,90,8C,84,30,24,D1,76,00,08,51,2BF5
1840 DATA 84,48,D1,37,81,C0,C4,8C,84,98,C8,F3,76,00,08,3A2A
1850 DATA 51,C0,C8,84,B3,81,E8,64,48,C0,98,48,F3,76,00,3CF1
1860 DATA 08,51,E2,C8,48,B3,D4,C0,CC,48,C0,18,C0,F3,76,4926
1870 DATA 00,08,51,E2,C0,48,C0,56,C4,8C,48,C0,18,D9,D1,43B4
1880 DATA 76,00,08,51,E2,C0,84,48,E8,84,48,C0,C0,90,71,423F
1890 DATA C8,A2,76,00,07,E2,D1,C0,C4,4C,C0,C0,C0,F3,C0,51FA
1900 DATA 90,D9,C8,A2,76,00,07,E2,59,C0,C4,D9,F3,F3,F3,55C8
1910 DATA 00,E2,90,F3,84,A2,76,00,07,E2,59,C0,4C,71,76,37B4
1920 DATA 00,04,E2,4C,F3,C4,A2,76,00,06,51,C0,8C,E2,4C,39F6
1930 DATA 71,76,00,04,E2,D9,51,90,A2,76,00,06,51,84,71,2E2E
1940 DATA E2,90,71,76,00,04,E2,71,00,B2,A2,76,00,06,51,2780
1950 DATA C0,71,51,C4,A2,00,00,F3,F3,C0,59,00,E2,A2,76,3F85
1960 DATA 00,07,E2,71,51,90,A2,00,00,E2,D1,C0,D9,51,E2,455B
1970 DATA A2,76,00,07,E2,59,51,90,A2,00,00,A6,D1,84,71,34CF
1980 DATA E2,C4,A2,76,00,07,51,D1,51,90,A2,00,00,E6,59,304B
1990 DATA 84,71,C0,18,A2,76,00,07,51,C4,E2,4C,A2,00,00,2A2D
2000 DATA 51,71,C4,E2,4C,71,76,00,09,A6,E2,4C,A2,00,00,2AB0
2010 DATA 00,F3,90,B2,D9,A2,76,00,09,E2,71,84,71,00,00,2B8E
2020 DATA 00,51,18,F3,A2,76,00,0A,51,59,E2,D9,00,00,00,2529
2030 DATA E2,59,76,00,0C,51,90,F3,C4,A2,00,00,E2,D9,76,3C1A
2040 DATA 00,0D,E6,A2,A6,A2,00,00,E2,71,76,00,0D,E6,A2,3487
2050 DATA E2,D9,00,51,84,A2,76,00,0C,51,84,A2,51,18,A2,2D37
2060 DATA 51,90,A2,76,00,0C,51,84,A2,51,C4,A2,51,C4,A2,3D01
2070 DATA 76,00,0C,51,C0,A2,51,C4,A2,E2,59,76,00,0E,E2,37A4
2080 DATA A2,51,F3,00,E2,D9,76,00,0E,51,A2,00,00,00,E2,28B3
2090 DATA 98,A2,76,00,12,51,84,A2,76,00,13,F3,76,00,13,25A0
2100 DATA F3,A2,76,00,12,51,3C,79,A2,76,00,11,B6,9C,B4,32B1
2110 DATA 79,76,00,11,51,6C,9C,F0,A2,76,00,10,F2,C8,E6,414C
2120 DATA 9C,A2,76,00,10,F2,90,F3,D1,76,00,10,51,E4,E6,3F8A
2130 DATA 70,A2,00,00,51,76,00,0D,51,E4,F3,98,A2,00,00,2C01
2140 DATA B6,A2,76,00,0C,F3,68,F3,E6,A2,00,00,F2,A2,76,3E34
2150 DATA 00,0C,B6,D1,64,F3,00,51,F3,2C,F1,76,00,0C,F3,38B7
2160 DATA E7,B2,A2,00,F3,79,C4,78,A2,76,00,0B,E6,B3,3A,3892
2170 DATA A2,00,B6,CD,48,94,A2,76,00,0B,B2,F1,77,F3,51,3E6A
2180 DATA B0,C5,CC,C4,A2,76,00,0B,E6,71,37,B2,F3,6C,91,3FE7
2190 DATA 30,59,76,00,0C,F3,70,B7,E6,F2,D9,19,C8,8C,A2,4851
2200 DATA 76,00,0B,E7,98,F1,F3,B6,E2,CD,62,F3,D1,76,00,49C5
2210 DATA 0B,E7,E6,7F,F3,7B,A6,CD,62,C0,59,76,00,0B,E7,3B8A
2220 DATA 73,37,BB,33,7B,E7,9B,C4,48,A2,76,00,09,51,9B,31F2
2230 DATA 3F,B3,7B,F3,33,7B,CF,3A,8C,A2,76,00,09,51,F3,35AE
2240 DATA 7F,F3,E6,71,F3,F3,C0,9F,60,D1,76,00,09,F3,E9,4786
2250 DATA F3,51,F3,D9,0C,48,C0,C5,37,CA,A2,76,00,05,51,307C
2260 DATA F3,F3,F3,FC,F9,B2,D9,A6,24,C8,C0,C0,CF,60,A2,515F
2270 DATA 76,00,05,E2,C0,84,C8,FC,F3,32,60,4C,0C,C8,C0,4138
2280 DATA E2,CA,C4,A2,76,00,04,F3,C0,48,C4,60,E6,E2,CE,4BE4
2290 DATA 48,4C,4C,48,D1,51,9B,D1,76,00,04,51,C8,84,FC,3BE6
2300 DATA 84,D1,CC,E2,9B,48,AC,4C,0C,D1,00,B3,D9,76,00,3650
2310 DATA 04,F2,68,4C,FC,C0,D1,98,E2,C5,C0,AC,CC,48,A2,4FF1
2320 DATA 00,E7,D1,00,00,00,51,F0,60,CC,F8,C0,E6,D8,E2,51B4
2330 DATA C5,6A,EC,8C,C0,A2,00,E7,DB,00,51,00,B2,38,A6,3653
2340 DATA 98,E9,E0,E2,71,90,60,9F,FC,84,C0,A2,51,6F,A2,4748
2350 DATA 00,B2,F3,D8,6C,A6,98,E9,F1,90,71,90,0C,C5,7E,4585
2360 DATA 48,D1,00,51,73,00,00,B6,98,F0,71,C4,30,FC,79,3F2F
2370 DATA 98,E2,30,C8,C0,37,C8,D1,00,B3,DB,00,00,B6,70,3801
2380 DATA 38,D9,4C,24,FC,D3,D8,E2,CC,48,D4,9B,2E,D1,51,4713
2390 DATA 67,A2,00,00,E6,F0,64,F3,4C,24,D4,E6,71,C0,0C,3F06
2400 DATA C0,D4,ED,37,C0,E7,DB,00,00,00,51,64,D9,51,4C,3144
2410 DATA 8C,D4,E6,71,C0,C0,C0,FC,B8,9B,67,CF,A2,76,00,455F
2420 DATA 04,F3,A2,51,84,C8,CC,F6,F6,C0,C0,D4,FC,98,65,56F9
2430 DATA DB,F3,76,00,07,51,C0,C8,4C,F6,F6,C0,C0,FC,E8,56A6
2440 DATA 18,64,D9,A2,76,00,08,E2,0C,90,B3,FB,C0,C0,64,4326
2450 DATA 48,18,30,59,A2,76,00,08,E2,0C,C0,B3,6A,42,C0,35E6
2460 DATA CC,48,4C,64,F3,A2,76,00,08,E2,C4,C0,59,62,56,3908
2470 DATA 90,8C,C0,C4,24,E2,A2,76,00,08,E2,C4,C0,D1,62,4338
2480 DATA E8,C4,8C,C0,84,60,F3,A2,76,00,08,E2,C4,48,C0,3FD7
2490 DATA 81,E8,CC,0C,C0,84,71,C0,A2,76,00,08,E2,18,48,3084
2500 DATA F3,D4,C0,0C,C0,C0,4C,71,4C,D1,76,00,07,51,84,2F54
2510 DATA 18,C0,F3,E2,C0,C0,D1,C0,4C,71,4C,D1,76,00,07,367D
2520 DATA 51,84,98,D1,C0,76,F3,04,C0,4C,71,84,59,76,00,336A
2530 DATA 07,51,C4,C8,E2,84,A2,00,00,51,84,CC,D9,84,D9,435F
2540 DATA 76,00,07,E2,C4,71,E2,C4,A2,00,00,51,84,CC,A2,3BB3
2550 DATA A6,71,76,00,07,E2,18,A2,E2,4C,A2,00,00,00,A6,29AB
2560 DATA 18,A2,E2,71,76,00,07,E2,90,A2,51,D9,76,00,04,2E9A
2570 DATA A6,98,A2,51,D1,76,00,07,51,90,A2,51,71,76,00,2B7D
2580 DATA 04,A6,98,A2,51,D1,76,00,07,51,84,A2,51,71,76,3137
2590 DATA 00,04,E2,4C,A2,E2,D9,76,00,08,E2,A2,51,71,76,38C6
2600 DATA 00,04,E2,4C,A2,A6,71,76,00,08,E2,D9,51,D9,00,35E0
2610 DATA 00,00,51,C0,D9,F3,C0,A2,76,00,08,51,59,E2,D9,3E14
2620 DATA 00,00,00,51,84,71,F3,C4,A2,76,00,08,51,90,E2,372C
2630 DATA 18,A2,00,00,51,C4,71,C0,18,A2,76,00,09,A6,F3,34A4
2640 DATA C4,A2,00,00,E2,18,F3,84,71,76,00,0A,E2,71,E2,39BA
2650 DATA D9,00,00,E2,D9,E2,4C,A2,76,00,0A,51,D9,51,59,3218
2660 DATA 00,51,84,71,0C,71,76,00,0B,51,D9,51,C4,A2,51,3249
2670 DATA C4,E2,C4,A2,76,00,0B,E2,59,00,A6,71,E2,18,E2,3A9E
2680 DATA 59,76,00,0C,E2,59,00,E2,D9,E2,D9,84,A2,76,00,3DAB
2690 DATA 0C,E2,D1,00,E2,D9,C0,71,D1,76,00,0D,51,D1,00,32A7
2700 DATA F3,F3,84,F3,A2,76,00,0E,F3,00,00,51,18,A2,76,2BE4
2710 DATA 00,12,51,D9,76,00,13,51,A2,76,00,15,F3,A2,76,313D
2720 DATA 00,12,51,3C,79,A2,76,00,11,B6,9C,B4,79,76,00,2EDC
2730 DATA 11,51,6C,9C,F0,A2,76,00,10,F2,C8,E6,9C,A2,76,4533
2740 DATA 00,10,F2,90,F3,D1,76,00,10,51,E4,E6,70,A2,00,38EF
2750 DATA 00,51,76,00,0D,51,E4,F3,98,A2,00,00,B6,A2,76,36AF
2760 DATA 00,0C,F3,68,F3,E6,A2,00,00,F2,A2,76,00,0C,B6,3466
2770 DATA D1,64,F3,00,51,F3,2C,F1,76,00,0C,F3,E7,B2,A2,4378
2780 DATA 00,F3,79,C4,78,A2,76,00,0B,E6,B3,3A,A2,00,B6,366B
2790 DATA CD,48,94,A2,76,00,0B,B2,F1,77,F3,51,B0,C5,CC,48D2
2800 DATA C4,A2,76,00,0B,E6,71,37,B2,F3,6C,91,30,59,76,373C
2810 DATA 00,0C,F3,70,B7,E6,F2,D9,19,C8,8C,A2,76,00,0B,37FE
2820 DATA E7,98,F1,F3,B6,E2,CD,62,F3,D1,76,00,0B,E7,E6,4AAD
2830 DATA 7F,F3,7B,A6,CD,62,C0,59,76,00,0B,E7,73,37,BB,3804
2840 DATA 33,7B,E7,9B,C4,48,A2,76,00,09,51,9B,3F,B3,7B,3337
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2850 DATA F3,33,7B,CF,3A,8C,A2,76,00,09,51,F3,7F,F3,E6,42FE
2860 DATA 71,F3,F3,C0,9F,60,D1,76,00,09,F3,E9,F3,51,F3,4BAB
2870 DATA D9,0C,48,C0,C5,37,CA,A2,76,00,05,51,F3,F3,F3,4489
2880 DATA FC,F9,B2,D9,A6,24,C8,C0,C0,CF,60,A2,76,00,05,38CD
2890 DATA E2,C0,84,C8,FC,F3,32,60,4C,0C,C8,C0,E2,CA,C4,4CC8
2900 DATA A2,76,00,04,F3,C0,48,C4,60,E6,E2,CE,48,4C,4C,3EF3
2910 DATA 48,D1,51,9B,D1,76,00,04,51,C8,84,FC,84,D1,CC,467D
2920 DATA E2,9B,48,AC,4C,0C,D1,00,B3,D9,76,00,04,F2,68,347A
2930 DATA 4C,FC,C0,D1,98,E2,C5,C0,AC,CC,48,A2,00,E7,D1,4D04
2940 DATA 00,00,00,51,F0,60,CC,F8,C0,E6,D8,E2,C5,6A,EC,56C5
2950 DATA 8C,C0,A2,00,E7,DB,00,51,00,B2,38,A6,98,E9,E0,42D9
2960 DATA E2,71,90,60,9F,FC,84,C0,A2,51,6F,A2,00,B2,F3,44C5
2970 DATA D8,6C,A6,98,E9,F1,90,71,90,0C,C5,7E,48,D1,00,3AAA
2980 DATA 51,73,00,00,B6,98,F0,71,C4,30,FC,79,98,E2,30,4295
2990 DATA C8,C0,37,C8,D1,00,B3,DB,00,00,B6,70,38,D9,4C,361B
3000 DATA 24,FC,D3,D8,E2,CC,48,D4,9B,2E,D1,51,67,A2,00,3BDC
3010 DATA 00,E6,F0,64,F3,4C,24,D4,E6,71,C0,0C,C0,D4,ED,4CDA
3020 DATA 37,C0,E7,DB,00,00,00,51,64,D9,51,4C,8C,D4,E6,3D97
3030 DATA 71,C0,C0,C0,FC,B8,9B,67,CF,A2,76,00,04,F3,A2,418B
3040 DATA 51,84,C8,CC,F6,F6,C0,C0,D4,FC,98,65,CA,F3,76,57B9
3050 DATA 00,07,51,C0,C8,4C,F6,F6,C0,C0,FC,E8,18,64,C8,4E77
3060 DATA A2,76,00,08,E2,84,90,B3,FB,C0,C0,64,48,18,30,37C3
3070 DATA 48,A2,76,00,08,E2,84,C0,B3,6A,42,C0,CC,48,4C,3B03
3080 DATA 64,C0,A2,76,00,08,E2,C4,C0,59,62,56,90,8C,C0,3ED0
3090 DATA C4,24,C0,A2,76,00,08,F3,C4,C0,D1,62,E8,C4,8C,4A9D
3100 DATA C0,84,60,C0,A2,76,00,08,F3,C4,48,C0,81,E8,CC,4792
3110 DATA 0C,C0,84,CC,48,D1,76,00,08,F3,90,48,F3,D4,C0,4655
3120 DATA 0C,C0,D1,E2,98,8C,64,F3,76,00,06,51,D1,C0,59,3AA3
3130 DATA 51,E2,C0,C0,D1,A2,F3,84,98,0C,64,A2,76,00,05,31F8
3140 DATA 51,84,E2,D9,00,51,F3,F3,A2,00,E2,F3,84,C0,18,44EE
3150 DATA A2,76,00,05,51,C4,E2,D9,76,00,06,E2,90,F3,C0,439F
3160 DATA 84,D9,76,00,05,51,D1,A6,71,76,00,06,51,4C,A2,2B1E
3170 DATA F3,A6,D9,76,00,05,51,59,C4,71,76,00,06,51,84,2897
3180 DATA 71,00,E2,59,76,00,05,51,D1,84,CC,A2,76,00,05,2C9A
3190 DATA 51,C0,D9,00,51,C0,A2,76,00,04,51,59,C0,4C,A2,31C4
3200 DATA 00,00,00,F3,00,00,E2,4C,A2,51,84,A2,76,00,04,28B4
3210 DATA 51,C4,E2,84,D9,00,00,51,C0,A2,00,E2,90,A2,51,39EB
3220 DATA 84,A2,76,00,04,51,90,F3,C0,18,A2,00,51,48,D1,339E
3230 DATA F3,C0,4C,A2,00,E6,A2,76,00,05,E6,A2,E2,C0,59,403E
3240 DATA 00,51,64,C0,C0,84,D9,00,00,E6,D1,76,00,05,A6,3314
3250 DATA D9,51,E2,C4,A2,00,F3,8C,84,98,71,00,00,B2,D1,3ACA
3260 DATA 76,00,05,E2,71,00,51,C0,D9,00,00,E6,60,F3,A2,3C8A
3270 DATA 00,51,90,D1,76,00,05,E2,71,00,00,E2,64,A2,00,2B98
3280 DATA 51,F3,00,00,00,51,4C,A2,76,00,05,51,D1,00,00,1E07
3290 DATA 51,84,D9,76,00,06,E2,24,A2,76,00,05,51,90,A2,2D33
3300 DATA 00,00,E2,18,A2,76,00,05,E6,60,A2,76,00,05,51,2675
3310 DATA C4,A2,00,00,51,C0,71,76,00,05,A6,C8,A2,76,00,2E46
3320 DATA 06,A6,A2,00,00,00,E2,59,76,00,05,E2,59,76,00,261C
3330 DATA 07,E2,71,00,00,00,E2,D1,76,00,05,F3,D1,76,00,30A6
3340 DATA 07,E2,D9,00,00,00,51,A2,76,00,05,51,A2,76,00,2274
3350 DATA 07,E2,18,A2,76,00,12,E2,18,A2,76,00,12,E2,C4,3377
3360 DATA A2,76,00,12,51,F3,A2,76,00,18,51,F3,76,00,15,2843
3370 DATA B6,3C,F3,76,00,13,51,6C,78,3C,A2,76,00,13,B6,2AAA
3380 DATA CC,78,F1,76,00,12,51,E4,D1,CC,79,76,00,12,51,2FF1
3390 DATA E0,71,E2,A2,76,00,12,F2,D9,98,F1,09,00,00,A2,32B6
3400 DATA 76,00,0F,F2,D9,E6,71,00,00,51,79,76,00,0E,51,248B
3410 DATA B6,D1,F3,D9,00,00,51,F1,76,00,0E,51,68,B2,D9,369B
3420 DATA A2,00,F3,B6,58,A2,76,00,0D,51,F3,DB,71,00,51,31E1
3430 DATA B6,E2,9C,F1,76,00,0D,51,D9,37,71,00,51,6C,8E,2E3C
3440 DATA C0,79,76,00,0D,51,70,B3,FB,A2,F2,60,CE,C8,D9,4E0D
3450 DATA 76,00,0D,51,98,B3,7B,71,B6,C8,32,24,A2,76,00,30AA
3460 DATA 0D,51,B2,F1,7B,D9,E4,A6,66,C4,59,76,00,0D,51,3380
3470 DATA CE,70,F3,F3,79,C4,9B,D1,E2,A2,76,00,0C,51,DB,3F44
3480 DATA 9D,FB,B7,F3,4C,9B,C0,84,A2,76,00,0C,51,9B,B3,38F4
3490 DATA 7F,33,37,F3,CF,62,8C,D1,76,00,0C,E7,37,7B,37,3245
3500 DATA F3,B3,37,E7,9F,64,59,76,00,0C,F3,B7,FB,F3,98,489A
3510 DATA F3,F3,E2,C5,3A,C0,A2,76,00,0A,51,F6,D3,A2,F3,478A
3520 DATA E6,A6,0C,C0,C0,9B,6F,D1,76,00,08,F3,F3,F3,F6,4E36
3530 DATA FC,F3,64,F3,18,4C,C0,C0,C5,9A,D1,76,00,07,51,35EF
3540 DATA C0,C0,4C,D4,F9,B3,30,84,8C,4C,C0,D1,C5,C0,D9,501B
3550 DATA 76,00,06,51,E2,84,C0,98,D1,D9,C5,8C,84,8C,8C,48B8
3560 DATA C0,A2,E7,62,A2,76,00,06,E6,C0,5C,E8,48,E6,D9,47BC
3570 DATA C5,26,D4,0C,8C,48,A2,51,66,A2,76,00,05,51,B4,2D56
3580 DATA 84,DC,E8,C0,E6,71,C0,CA,D4,4C,8C,D1,00,51,CA,4528
3590 DATA A2,76,00,05,F2,B0,C4,DC,E0,D1,CC,F1,C0,9F,D4,59B0
3600 DATA CC,48,D1,00,51,CF,A2,00,00,00,A2,51,34,71,4C,26B4
3610 DATA 74,D2,D1,90,E2,30,C5,7E,E8,48,D1,00,B7,DB,00,3EE0
3620 DATA 00,00,51,71,E6,B4,D9,4C,74,D2,E2,30,E2,24,48,3DA4
3630 DATA 9F,AC,C0,A2,00,B3,A2,00,00,00,51,6C,70,B0,E2,3478
3640 DATA 98,74,BC,E6,71,90,64,C0,91,6E,C0,A2,51,67,A2,4217
3650 DATA 00,00,00,51,38,B4,64,E2,18,5C,E9,E6,F1,C4,8C,48C4
3660 DATA C0,ED,37,48,A2,B3,DB,76,00,04,51,D8,B0,D9,E2,4537
3670 DATA 18,48,F9,98,E2,84,48,C0,FC,9B,6A,D1,CF,A2,76,4CFA
3680 DATA 00,05,B2,CC,A2,E2,4C,48,F9,98,E2,C0,C0,D4,FC,579D
3690 DATA 65,33,CF,DB,76,00,06,51,F3,00,F3,84,C4,D9,F9,4939
3700 DATA E8,C0,C0,FC,EC,30,CF,D1,A2,76,00,09,F3,84,84,408A
3710 DATA D9,F9,E8,C0,D4,FC,84,30,CC,D1,76,00,0A,51,C0,3C43
3720 DATA 48,71,77,E2,C0,90,8C,84,30,24,D1,76,00,0A,51,2C11
3730 DATA E2,C0,D1,37,81,C0,C4,8C,84,98,C8,D1,76,00,0A,39FE
3740 DATA 51,E2,48,0C,B3,81,E8,64,48,C0,98,48,D1,76,00,381B
3750 DATA 0A,51,E2,C0,48,B3,D4,C0,CC,48,C0,18,C0,D1,76,472C
3760 DATA 00,0A,51,D1,C0,0C,48,56,C4,8C,48,C0,4C,8C,C0,3C33
3770 DATA A2,76,00,09,E2,D1,C0,84,C8,E8,84,48,C0,F3,C4,500C
3780 DATA 64,18,D9,F3,76,00,08,E2,D1,C0,84,D9,C0,C0,C0,4EB2
3790 DATA F3,00,E2,4C,24,18,98,A2,76,00,07,E2,C0,E2,C4,3FE8
3800 DATA D9,F3,F3,F3,00,00,51,E2,C0,0C,4C,71,76,00,07,28DA
3810 DATA E2,C0,E2,4C,71,76,00,06,51,E2,C0,84,98,A2,76,3CFC
3820 DATA 00,06,E2,48,E2,18,71,76,00,06,51,D1,F3,C0,18,3555
3830 DATA A2,76,00,06,E2,48,E2,4C,71,76,00,07,E2,D9,E2,3DCD
3840 DATA 4C,A2,76,00,06,E2,D9,51,4C,A2,76,00,07,E2,59,30D3
3850 DATA 51,84,A2,76,00,06,E2,59,51,C4,A2,76,00,07,51,2A51
3860 DATA C4,F3,D1,76,00,07,E2,D9,51,C4,A2,76,00,07,51,3035
3870 DATA 84,E2,59,76,00,07,A6,71,51,84,A2,76,00,08,E2,2F94
3880 DATA E2,D9,76,00,07,E6,71,51,84,A2,76,00,08,E2,A6,35A4
3890 DATA A2,76,00,07,B2,A2,51,C0,A2,76,00,08,51,84,A2,30A8
3900 DATA 76,00,06,51,90,A2,00,A6,A2,76,00,08,E2,D1,59,3465
3910 DATA 76,00,06,51,C4,A2,00,E2,D9,76,00,08,E2,D9,C4,3FED
3920 DATA A2,76,00,05,51,D1,00,00,E2,59,76,00,07,51,84,2520
3930 DATA 71,84,A2,76,00,05,51,59,00,00,51,84,A2,76,00,22AD
3940 DATA 06,51,C4,A2,E2,D9,76,00,05,51,D9,00,00,51,90,2BBE
3950 DATA A2,76,00,06,E2,18,A2,E2,18,A2,76,00,04,51,71,299D
3960 DATA 00,00,00,E6,A2,76,00,06,E2,D9,00,51,C4,A2,76,37A8
3970 DATA 00,04,51,D9,00,00,00,E2,A2,76,00,06,E2,71,00,27AD
3980 DATA 51,84,71,76,00,04,51,90,A2,00,00,E2,D9,76,00,2D16
3990 DATA 06,A6,D9,00,00,E2,4C,A2,00,00,00,51,90,A2,00,2445
4000 DATA 00,51,18,A2,76,00,05,A6,A2,00,00,E2,18,A2,00,2571
4010 DATA 00,00,51,C4,A2,00,00,51,C4,A2,76,00,05,F3,00,298A
4020 DATA 00,00,E2,C0,D9,76,00,04,A6,71,00,00,51,84,71,28FB
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4030 DATA 76,00,09,51,F3,F3,76,00,04,E2,98,A2,00,51,C0,3646
4040 DATA D9,76,00,10,51,F3,A2,00,00,F3,A2,76,00,17,F3,3335
4050 DATA A2,76,00,13,51,3C,79,A2,76,00,12,B6,9C,B4,79,3385
4060 DATA 76,00,12,51,6C,9C,F0,A2,76,00,11,F2,C8,E6,9C,436D
4070 DATA A2,76,00,11,F2,90,F3,D1,76,00,11,51,E4,E6,70,3E7E
4080 DATA A2,76,00,11,51,E4,F3,98,A2,76,00,11,51,68,F3,3748
4090 DATA E6,A2,51,76,00,11,F3,B2,D9,00,B7,F3,00,00,A2,35F0
4100 DATA 76,00,0D,B3,7B,71,51,9B,3F,F3,F3,79,76,00,0C,3209
4110 DATA 51,F3,7F,31,F3,DB,E7,37,7B,F1,76,00,0C,51,D9,3AF2
4120 DATA B3,B1,FB,F2,F1,F3,B6,58,A2,76,00,0B,51,70,B3,3A7B
4130 DATA 7B,F7,FA,71,B6,E2,9C,F1,76,00,0B,51,30,F1,F2,41F8
4140 DATA BF,3A,D9,6C,8E,C0,79,76,00,0B,51,98,F3,38,3B,3198
4150 DATA 66,F2,60,CE,C8,D9,76,00,0C,E6,30,64,73,F3,B6,40CD
4160 DATA C8,32,24,A2,76,00,0C,51,98,D9,F3,F3,B4,A6,66,4523
4170 DATA C4,59,76,00,0C,51,F3,F7,F2,F3,38,C4,9B,D1,E2,517A
4180 DATA A2,76,00,0B,51,9B,7F,B2,F1,D9,4C,9B,C0,84,A2,45EB
4190 DATA 76,00,0B,51,37,7F,E6,34,E2,98,CF,62,8C,D1,76,42A5
4200 DATA 00,0B,51,37,FB,F3,C4,84,8C,CF,9F,64,59,76,00,397A
4210 DATA 0B,F6,93,FB,F3,C0,4C,24,CD,C5,3A,C0,A2,76,00,3D22
4220 DATA 09,51,F6,FC,F3,E6,C0,CC,4C,4D,C0,9B,6F,D1,76,4A6D
4230 DATA 00,07,F3,F3,F3,F6,FC,F3,64,C0,98,4C,4D,62,C5,499E
4240 DATA 9A,D1,76,00,06,51,C0,C0,4C,D4,F9,B3,30,C4,8C,4449
4250 DATA 4C,48,DB,C5,C0,D9,76,00,05,51,E2,C0,E8,98,D1,48F5
4260 DATA F1,C5,8C,C4,8C,8C,C0,A2,E7,62,A2,76,00,05,E6,3DB4
4270 DATA C0,5C,E8,90,D1,D8,E7,26,D4,0C,8C,48,A2,51,66,3B08
4280 DATA A2,76,00,04,51,B4,84,DC,E8,C4,D1,98,E2,CA,D4,54C4
4290 DATA 4C,8C,D1,00,51,CA,A2,76,00,04,F2,B0,C4,DC,E0,4830
4300 DATA 84,48,E6,71,9F,D4,CC,48,D1,00,51,CF,A2,00,00,3233
4310 DATA A2,51,34,71,4C,74,D2,84,C8,E6,F3,C5,7E,E8,48,4CB5
4320 DATA D1,00,B7,DB,00,00,51,71,E6,B4,D9,4C,74,D2,C0,44C2
4330 DATA 60,F3,A6,48,9F,AC,C0,A2,00,B3,A2,00,00,51,6C,2F81
4340 DATA 70,B0,E2,98,74,BC,C0,59,D8,E6,C0,91,6E,C0,A2,4EBE
4350 DATA 51,67,A2,00,00,51,38,B4,64,A6,98,5C,E9,C0,D1,437F
4360 DATA 98,A6,C0,ED,37,48,A2,B3,DB,00,00,00,51,D8,B0,3691
4370 DATA D9,A6,98,48,FC,C0,D1,F1,48,C0,FC,9B,6A,D1,CF,54C9
4380 DATA A2,76,00,04,B2,CC,A2,A6,CC,48,FC,C0,E6,F1,C0,556A
4390 DATA D4,FC,65,33,CF,DB,76,00,05,51,F3,00,E2,4C,C4,3A14
4400 DATA C8,E8,E6,71,C0,FC,EC,30,CF,D1,A2,76,00,08,E2,4247
4410 DATA C4,84,C8,FC,F3,F3,D4,FC,84,30,CC,D1,76,00,09,3FCA
4420 DATA 51,84,48,60,C0,B3,AB,90,8C,84,30,24,D1,76,00,33B5
4430 DATA 09,51,84,48,C0,C0,B3,2B,C4,8C,84,98,C8,D1,76,477C
4440 DATA 00,09,51,C0,C8,84,C0,B3,A9,C4,48,C0,98,48,D1,4775
4450 DATA 51,F3,76,00,04,51,A2,00,51,C0,C8,C0,C0,D1,A9,4507
4460 DATA C4,48,C0,18,C0,D1,A6,24,A2,00,00,00,E2,D1,00,2EDE
4470 DATA 51,C0,8C,C0,C0,C0,03,84,48,C0,4C,8C,C0,18,CC,3DCA
4480 DATA A2,00,00,00,E2,D1,00,51,84,24,D1,E2,C0,42,C0,3EB5
4490 DATA C0,F3,C4,64,18,64,4C,59,00,00,51,84,48,A2,E2,319B
4500 DATA 0C,60,D1,51,C0,C0,C0,F3,00,E2,4C,64,48,84,71,3BE2
4510 DATA 00,00,F3,84,8C,D1,E2,4C,60,A2,00,F3,F3,F3,00,43D2
4520 DATA 00,51,84,48,D1,E2,71,00,51,D1,C4,64,48,A6,CC,4095
4530 DATA D1,76,00,08,E2,C0,A2,51,8C,A2,A6,C0,18,B2,8C,4047
4540 DATA 4C,98,A2,76,00,08,E2,D1,00,51,18,A2,E6,48,D9,3A3F
4550 DATA 51,64,64,60,A2,76,00,08,51,A2,00,51,4C,A2,B2,2E12
4560 DATA 8C,71,00,B2,30,F3,76,00,0C,E2,71,00,51,98,71,2F39
4570 DATA 00,51,F3,76,00,0C,51,84,D9,00,00,F3,A2,76,00,2DA5
4580 DATA 0F,F3,C4,A2,76,00,12,51,C0,18,A2,76,00,12,E2,2E85
4590 DATA 84,71,76,00,13,E2,4C,71,76,00,13,E2,98,A2,76,351C
4600 DATA 00,13,51,F3,76,00,10,F3,A2,76,00,0F,A2,76,00,28EB
4610 DATA 07,51,34,D9,76,00,0E,51,D9,76,00,07,E6,3C,79,2C7F
4620 DATA 00,00,51,76,00,0B,51,71,76,00,07,B2,78,6C,A2,2B15
4630 DATA 00,B7,A2,76,00,0A,51,6C,A2,76,00,05,51,9C,78,2936
4640 DATA 38,A2,00,B3,A2,76,00,0A,E6,38,A2,76,00,05,51,264F
4650 DATA 34,F0,B4,A2,00,E7,A2,76,00,0A,B2,38,A2,76,00,2D98
4660 DATA 05,51,70,F0,B4,A2,00,E7,A2,76,00,0A,B2,B4,D9,3E9E
4670 DATA 76,00,05,51,78,78,B4,A2,00,E7,A2,76,00,0A,B2,316B
4680 DATA 3C,71,76,00,05,E6,78,F0,38,A2,F3,F3,7B,76,00,3D99
4690 DATA 0A,E6,78,71,76,00,05,E6,F0,78,38,F3,9D,FB,32,4230
4700 DATA A2,76,00,09,E6,70,6C,A2,76,00,04,51,B4,70,6C,2E8A
4710 DATA F2,31,73,66,A2,76,00,09,E6,34,38,A2,76,00,04,24D3
4720 DATA 51,38,34,71,B0,D9,F3,DB,76,00,0A,E6,9C,B0,D9,46C3
4730 DATA 76,00,04,E6,6C,9C,D9,E6,A2,51,DB,76,00,0A,51,3415
4740 DATA 98,B4,71,76,00,04,E6,71,98,F3,F3,00,B3,F3,A2,483B
4750 DATA 76,00,09,51,98,78,71,76,00,04,F3,D9,E6,F2,A2,4591
4760 DATA 51,F3,70,71,76,00,0A,E6,70,B0,A2,00,00,00,51,2594
4770 DATA B3,F3,70,D9,B3,7F,98,D9,76,00,0A,51,98,78,71,35FD
4780 DATA 00,00,00,51,33,E6,70,70,B0,37,73,A2,00,51,76,2E6E
4790 DATA 00,09,E6,98,79,00,00,00,51,9B,DB,CC,30,E4,D9,3F00
4800 DATA E7,73,F3,E6,A2,A2,76,00,07,51,E6,30,F3,A2,00,372C
4810 DATA 51,9B,67,F3,CC,64,F3,73,E7,9B,37,7B,79,76,00,3A00
4820 DATA 08,51,A6,30,D9,A2,00,B3,3B,DB,F3,F3,A2,B3,F3,51B4
4830 DATA F3,31,F2,F1,76,00,08,51,4C,30,30,D9,00,B3,37,2AC8
4840 DATA 73,00,B3,A2,B3,F3,F3,78,F0,D9,76,00,08,51,98,3C64
4850 DATA 64,30,24,A2,E7,37,FB,A2,B3,00,51,78,E5,78,D8,43B1
4860 DATA B3,A2,76,00,07,51,4C,84,98,64,59,51,37,FB,8A,3510
4870 DATA 51,00,F2,38,99,CC,4C,F3,73,76,00,07,51,0C,84,2AF4
4880 DATA 0C,30,59,51,9B,7F,F3,00,51,38,64,19,4C,C8,A2,322C
4890 DATA B7,A2,76,00,06,51,48,84,0C,98,C8,A2,B3,37,E7,3BA7
4900 DATA A2,F2,64,8C,4D,30,24,D1,B3,A2,76,00,06,A6,48,2F52
4910 DATA A6,48,0C,60,A2,E7,63,F6,F3,BC,8C,4C,CD,2E,64,4213
4920 DATA 59,E7,A2,76,00,06,A6,C0,A6,C0,0C,C8,D1,F6,E9,4D85
4930 DATA F9,F9,EC,0C,98,4D,6F,D1,E2,67,A2,76,00,06,A6,36BA
4940 DATA C0,A6,C0,84,48,D1,51,FC,FC,F6,B8,0C,30,48,67,3E1A
4950 DATA 6A,F3,73,76,00,07,A6,C0,C0,C0,84,C0,D4,F3,F6,5399
4960 DATA B8,E2,AC,30,24,C0,CF,62,D1,DB,76,00,07,E2,C0,401D
4970 DATA D1,C0,C0,C0,FC,D1,D4,70,E2,EC,24,24,91,CA,9B,4A93
4980 DATA B3,F3,76,00,07,E2,D1,D1,84,C0,C0,F8,D1,E6,D8,5986
4990 DATA E2,B8,24,8C,C5,CA,C5,E7,59,76,00,07,F3,E6,E2,4858
5000 DATA E2,84,C0,F8,84,E2,98,71,FC,C8,C8,C5,F3,D1,73,589C
5010 DATA D1,76,00,07,F3,30,D9,E2,0C,C0,E9,84,71,90,F1,4892
5020 DATA D4,48,48,D1,51,D1,73,CF,A2,00,00,00,A2,00,51,2843
5030 DATA 59,24,4C,E2,48,48,FC,E0,D9,C4,F1,D4,C0,48,E7,54D6
5040 DATA A2,B3,B3,CA,A2,00,00,51,D1,F3,E6,D1,98,84,18,41D8
5050 DATA 30,48,D4,C2,18,E2,64,F6,C0,C0,F3,DB,B7,E7,C4,5AD2
5060 DATA A2,00,00,51,C0,98,24,D1,18,C0,CC,4C,8C,DC,E8,4622
5070 DATA 84,E2,90,F6,C0,D1,00,E7,B7,E7,84,A2,00,00,51,3926
5080 DATA 84,48,C0,C0,B2,C0,84,84,48,E2,FC,84,B2,71,D4,4E0E
5090 DATA C0,D1,00,51,9B,DB,CA,A2,00,00,51,0C,C0,C0,C0,39F0
5100 DATA E6,76,C0,04,E2,FC,D1,D8,71,D4,C0,D1,00,00,B3,43B5
5110 DATA A2,F3,00,00,00,A6,60,C0,C0,C0,E6,48,E2,C0,84,4844
5120 DATA E2,D4,F9,70,71,FC,C0,A2,00,00,51,73,73,00,00,2858
5130 DATA 00,B2,60,F3,F3,E2,D1,C8,F3,E2,84,C0,84,F9,B0,5AFF
5140 DATA E2,FC,C0,A2,00,F3,00,E7,A2,00,00,00,B2,59,00,2826
5150 DATA 00,51,F3,C8,F3,A6,59,C0,C0,D9,98,E2,E8,C0,D1,5A8E
5160 DATA 51,CC,A2,51,76,00,04,E6,D1,00,00,00,51,C8,A2,2E91
5170 DATA F3,E2,C0,C0,59,F3,FC,AC,C0,4C,F3,18,59,76,00,3BEC
5180 DATA 05,E6,D1,00,00,00,51,48,A2,51,C0,C0,C0,B3,7B,3D96
5190 DATA FC,18,60,30,A6,C0,D9,76,00,04,51,A6,D1,00,00,2A71
5200 DATA 00,51,C0,D1,00,E2,C0,C0,B3,FB,C0,84,30,64,C8,48DB
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5210 DATA C0,24,A2,00,00,00,E2,C0,80,76,00,04,E2,D1,00,2F50
5220 DATA 51,C0,C0,D1,37,E2,C0,0C,C0,C0,E2,90,A2,00,00,3A44
5230 DATA 00,E2,C0,A2,76,00,04,E2,4C,A2,00,E2,C0,D1,37,3C05
5240 DATA E2,C0,C0,0C,D1,51,90,A2,00,00,00,E2,59,76,00,295E
5250 DATA 05,E2,18,A2,00,51,C0,C0,B3,E2,C0,C0,D1,A2,51,4A56
5260 DATA C4,A2,00,00,51,C0,59,76,00,04,51,C0,90,A2,00,2B0B
5270 DATA 00,E2,C0,D1,C0,C0,D1,A6,A2,00,E2,D9,00,00,51,38C2
5280 DATA 84,A2,76,00,04,51,C0,59,00,00,00,51,E2,C0,C0,3232
5290 DATA C0,D1,64,59,00,E2,18,A2,00,51,84,A2,76,00,04,269E
5300 DATA 51,84,D9,76,00,04,51,F3,C0,D1,B2,8C,D1,00,51,3C1F
5310 DATA 4C,A2,00,51,59,76,00,05,51,C4,71,76,00,05,51,2166
5320 DATA F3,A6,8C,C0,D1,00,51,84,D9,00,51,A2,76,00,05,2A4C
5330 DATA 51,59,A2,76,00,06,E2,C0,48,C0,D1,00,51,C0,59,37EA
5340 DATA 76,00,08,51,F3,76,00,07,51,C0,C0,D1,A2,00,51,32EB
5350 DATA C0,C4,A2,76,00,11,F3,F3,A2,00,00,00,E2,84,A2,368B
5360 DATA 00,00,51,A2,00,00,F3,F3,A2,76,00,06,A7,F3,00,3213
5370 DATA F3,AF,5F,FB,A2,76,00,04,51,5B,F7,F3,AF,0F,0F,3466
5380 DATA 5F,FB,A2,00,00,00,F2,8D,5F,7F,0F,0F,5F,0F,0F,1F6D
5390 DATA FB,F3,F3,51,B0,D9,AF,FF,AF,0F,0F,2F,0F,0F,5F,2D01
5400 DATA 73,51,E4,E6,2F,0F,0F,A7,5F,7F,0F,A5,3B,A2,51,2F87
5410 DATA D9,A7,27,5F,5A,A7,0F,BF,AF,7F,0F,73,00,A2,51,2EE6
5420 DATA F7,5A,F1,7A,5A,B3,37,3B,B7,F3,00,00,00,51,7F,2B7F
5430 DATA 5B,A5,F0,7B,73,F3,F3,73,00,00,00,51,F3,B7,5F,3845
5440 DATA 5A,FB,A2,00,51,F3,00,00,00,51,5F,A7,0F,7F,BB,2D3A
5450 DATA A2,76,00,06,51,B5,A7,0F,BF,37,A2,76,00,06,51,26F0
5460 DATA 1F,A7,AF,BF,B7,A2,76,00,06,A7,FB,2F,5F,5F,73,358A
5470 DATA 76,00,07,F2,FB,2F,0F,FF,73,76,00,07,A7,7B,5F,3076
5480 DATA 5F,5F,7B,76,00,06,51,A5,73,0F,BF,5F,73,76,00,297E
5490 DATA 06,51,F5,7B,0F,1F,77,A2,76,00,06,51,1B,F3,5F,2B37
5500 DATA 5F,37,A2,76,00,06,51,BF,F3,0F,AF,B3,A2,76,00,3496
5510 DATA 06,51,7B,51,BF,BF,F3,76,00,08,A2,51,FF,7B,76,3B90
5520 DATA 00,0A,51,1F,A2,76,00,0A,51,5B,A2,76,00,0A,51,1FF1
5530 DATA FB,76,00,0B,51,7B,76,00,0C,A2,76,00,09,F3,00,2355
5540 DATA 00,51,F3,F3,76,00,06,51,5B,A2,51,F7,0F,FF,F3,41CF
5550 DATA 76,00,05,A7,F3,FB,F7,0F,0F,0F,FF,F3,00,00,00,2C71
5560 DATA 51,E4,0F,BF,AF,76,0F,04,5F,F3,F3,A2,F2,64,F7,4B13
5570 DATA 5F,FF,00,00,00,00,00,00,00,00,00,00,00,00,00,025D
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DAT2B - BAS

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10 ' DATAS du PROG 2B
20 ' Xyphoes Fantasy
30 ' (c) SILMARILS 1991
40 ON ERROR GOTO 100
50 MODE 2:AD=&C000:NL=110
60 FOR A=1 TO 302:B=0:FOR C=1 TO 15:READ A$
70 POKE AD,VAL("&"+A$):B=B+(PEEK(AD)*c):AD=AD+1
80 NEXT:READ E$:IF VAL("&"+E$)<>B THEN 100
90 NL=NL+10:NEXT:SAVE"2B",B,&C000,&11A6:CLS:END
100 CLS:PRINT"DATA"C;"LIGNE"NL;" INCORRECT":END
110 DATA 0F,1F,0F,0F,0F,BB,A2,F2,D9,9D,76,0F,04,1F,AF,3111
120 DATA 5A,1F,73,00,E6,F3,1B,0F,FB,5A,0F,5F,7F,1F,AF,312C
130 DATA 1B,A2,51,00,F3,AF,F1,A5,A5,F1,33,3F,73,7B,A2,4155
140 DATA 00,00,51,B7,B7,F0,5A,B5,B3,F3,F3,B3,A2,00,00,3FF8
150 DATA 51,FB,B7,0F,AF,F5,F3,00,00,F3,A2,00,00,51,5F,2EE9
160 DATA F7,0F,1F,FF,73,76,00,06,51,5F,F7,5A,5F,3B,7B,2F47
170 DATA 76,00,06,51,F5,A7,A5,5F,7B,7B,76,00,06,51,A5,2E94
180 DATA A7,A5,AF,BB,A2,76,00,06,51,1F,A7,5F,5F,BB,A2,3543
190 DATA 76,00,06,A7,BF,A7,FF,AF,BF,A2,76,00,06,A7,FB,417C
200 DATA 2F,0F,2F,BB,A2,76,00,06,F2,FB,2F,5F,3B,FB,76,3A50
210 DATA 00,07,F2,FB,FA,FF,BB,7B,76,00,07,A7,73,AF,0F,3732
220 DATA 5B,73,76,00,06,51,5F,7B,0F,AF,BB,A2,76,00,06,286E
230 DATA 51,F5,7B,0F,FF,BB,A2,76,00,06,51,1F,73,5F,BF,30C8
240 DATA BF,A2,76,00,06,51,BF,73,0F,BF,BB,A2,76,00,06,2C30
250 DATA 51,3B,73,0F,BB,FB,76,00,07,51,7B,73,FF,7B,7B,3817
260 DATA 76,00,07,51,73,F3,FF,73,22,76,00,08,A2,00,B7,2D72
270 DATA A2,A2,76,00,0A,B3,A2,76,00,0B,51,76,00,0B,51,1E94
280 DATA A2,51,F3,76,00,09,F3,FB,51,BF,F3,76,00,08,F3,3D9D
290 DATA 5F,A7,FF,5F,A2,76,00,06,51,B7,A7,A7,A7,0F,FB,3D46
300 DATA 76,00,06,A7,F3,A7,F7,A7,0F,5B,A2,76,00,04,51,2D50
310 DATA 5B,F7,F3,A7,7B,FA,5F,FB,A2,00,00,00,F2,8D,5F,39B5
320 DATA 7F,A7,FB,7A,0F,0F,FB,F3,F3,51,B0,D9,AF,FF,AF,5447
330 DATA FB,2F,0F,0F,0F,5F,73,51,E4,E6,2F,0F,0F,5B,FF,325B
340 DATA A5,0F,A5,3B,A2,51,D9,A7,27,5F,5A,5B,AF,A5,A7,3CBE
350 DATA 7F,0F,73,00,A2,51,F7,5A,F0,B7,5A,0F,B7,3B,B7,3BFD
360 DATA F3,00,00,51,5B,7F,5A,F7,0F,5F,73,F3,F3,73,00,3859
370 DATA 00,51,5A,F3,A5,A7,F5,5F,73,00,51,F3,00,00,B7,33ED
380 DATA 5A,BF,F3,2F,0F,FF,73,76,00,05,F7,F5,AF,7B,AF,42B0
390 DATA AF,7F,7B,76,00,05,A7,0F,FF,7B,5A,0F,BF,7B,76,33CB
400 DATA 00,05,F2,A5,BF,7B,5A,5F,BB,73,76,00,05,F2,1F,30F0
410 DATA BF,B7,F5,0F,BB,73,76,00,04,51,7A,5F,37,F7,A5,35D3
420 DATA 7F,BF,A2,76,00,04,51,AF,7F,37,A7,5A,7F,3B,A2,32AF
430 DATA 76,00,04,51,AF,FF,3B,A7,AF,BB,7B,76,00,05,51,2F4B
440 DATA 5F,BF,3B,F7,2F,BB,73,76,00,05,A7,B5,BB,3B,A7,38E9
450 DATA 5F,BF,A2,76,00,05,F7,1F,BB,7B,1F,BF,3B,A2,76,35E1
460 DATA 00,05,A7,0F,3F,73,5F,BB,7B,76,00,06,B7,FF,37,3246
470 DATA F3,5F,3B,73,76,00,06,B7,37,37,F3,BB,33,A2,76,3605
480 DATA 00,06,B3,37,F3,51,3B,7B,76,00,07,51,3B,A2,51,27F4
490 DATA 3F,A2,76,00,08,F3,00,51,7B,76,00,0B,51,73,76,260B
500 DATA 00,0C,A2,76,00,09,A2,76,00,0B,51,7B,00,51,F3,2882
510 DATA A2,76,00,07,51,BF,A2,B7,5F,7B,76,00,07,B7,FF,3864
520 DATA A2,F7,0F,BF,A2,76,00,06,F7,A7,7B,2F,F5,5F,A2,3DAA
530 DATA 76,00,06,F7,F7,FB,BF,5F,5F,A2,76,00,06,A7,7B,36AC
540 DATA FB,BF,A5,5F,7B,76,00,06,F2,FB,B7,5B,F0,0F,FB,4567
550 DATA 76,00,06,A7,FB,F7,5B,AF,AF,BF,A2,76,00,05,F7,3EA4
560 DATA B7,F3,FB,AF,1F,BF,F3,A2,76,00,04,F3,5B,F7,A7,44B4
570 DATA F2,FF,3F,F7,FB,A2,00,00,00,F2,8D,5F,2F,F2,5F,3963
580 DATA 37,A7,0F,FB,F3,F3,51,B0,D9,AF,AF,A7,F5,3B,73,4BFE
590 DATA 0F,0F,5F,73,51,E4,E6,2F,0F,A7,0F,BF,73,0F,A5,32BF
600 DATA 3B,A2,51,D9,A7,27,A5,A7,F5,BF,7B,AF,7F,0F,73,3F50
610 DATA 00,B7,7B,F7,5A,F2,0F,FF,7B,37,3B,B7,F3,00,B7,3F30
620 DATA FF,7B,7F,F2,1F,FF,73,73,F3,F3,73,00,F7,0F,BF,4414
630 DATA B7,F2,5F,37,73,A2,00,51,F3,00,F7,A5,5F,7B,A7,3D61
640 DATA AF,BB,73,76,00,05,A7,A5,7F,7B,A7,A5,BF,73,76,3E42
650 DATA 00,05,A7,5F,BB,7B,A7,AF,BF,A2,76,00,04,51,7A,31F2
660 DATA A5,5F,73,F7,F5,BF,A2,76,00,04,51,FA,5F,5F,73,3816
670 DATA F7,0F,3F,A2,76,00,04,51,FA,0F,7F,7B,F7,5F,37,32DB
680 DATA A2,76,00,04,51,FA,F5,BB,7B,51,F5,33,A2,76,00,38B0
690 DATA 04,51,5A,A5,BB,73,51,5F,7B,76,00,05,51,A5,5F,2BAF
700 DATA BF,73,51,5F,7B,76,00,05,51,A5,FF,3F,A2,51,1B,2ED8
710 DATA 7B,76,00,05,51,5F,37,3B,A2,51,BF,73,76,00,05,2561
720 DATA B7,FF,1B,73,00,51,BF,A2,76,00,05,F7,1B,3F,73,2C80
730 DATA 00,51,BF,A2,76,00,05,B7,3B,73,A2,00,51,3B,A2,2BEC
740 DATA 76,00,05,B7,F3,A2,00,00,00,B3,A2,76,00,05,F3,2DEB
750 DATA 76,00,05,51,76,00,07,F3,F3,00,00,51,F3,A2,76,3454
760 DATA 00,05,51,7F,BF,F3,51,B7,FF,7B,F3,76,00,04,51,370A
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770 DATA AF,A5,BF,B7,AF,5A,0F,BF,F3,00,00,00,B7,AF,F0,3C72
780 DATA 1F,F7,2F,7F,3F,0F,BF,A2,00,00,B7,0F,5A,5B,2F,2552
790 DATA 77,0F,5F,BF,7F,7B,00,00,B7,AF,A5,FB,BF,7F,5A,4016
800 DATA FF,0F,BB,FF,A2,00,51,AF,0F,7B,1B,AF,F0,FF,FA,499D
810 DATA 0F,1B,7B,00,51,2F,F0,B7,1F,5A,A5,5F,0F,5A,BF,31B3
820 DATA A2,00,00,F7,A5,B7,7F,0F,F5,0F,AF,BF,77,A2,00,3885
830 DATA 00,B7,5F,F7,0F,5A,A5,FF,3F,27,BB,7B,00,00,51,2B92
840 DATA BF,F7,5F,A5,0F,7B,F7,3B,7B,A2,00,00,51,F3,5B,3387
850 DATA AF,5A,5F,F3,51,F3,A2,00,00,00,51,5B,F3,2F,0F,298A
860 DATA 5F,FF,F3,76,00,05,A7,F3,FB,27,0F,AF,0F,FF,F3,4379
870 DATA 00,00,00,51,E4,0F,BF,A7,76,0F,04,5F,F3,F3,A2,3CFE
880 DATA F2,64,F7,5F,F7,0F,0F,1F,0F,0F,0F,BB,A2,F2,D9,395C
890 DATA 9D,1B,0F,0F,0F,1F,AF,5A,1F,73,00,E6,F3,1B,0F,28E9
900 DATA AF,F0,0F,5F,7F,1F,AF,1B,A2,51,00,F3,AF,F0,A5,40FC
910 DATA A5,F0,33,3F,73,7B,A2,00,00,00,B7,AF,F0,5A,A5,3881
920 DATA B3,F3,F3,B3,A2,00,00,00,51,F2,0F,A5,B5,F3,00,3691
930 DATA 00,F3,A2,76,00,04,51,F3,F3,F3,76,00,0A,F3,A2,3DF0
940 DATA 76,00,0A,F3,BF,73,00,00,F3,76,00,06,F3,7F,BF,36B6
950 DATA 73,00,F3,3B,A2,76,00,04,51,7F,2F,B1,FB,51,7F,3504
960 DATA BF,A2,76,00,04,B7,AF,FA,0F,FB,B7,AF,BF,A2,00,4151
970 DATA 00,00,51,7F,0F,A5,F5,7B,FF,1F,5B,76,00,04,51,2A38
980 DATA AF,5F,0F,FB,B7,5F,F5,73,76,00,04,B7,5F,A5,FB,3F12
990 DATA B7,0F,0F,0F,7B,76,00,04,F7,0F,5B,F7,0F,F5,5A,32BA
1000 DATA B5,BB,A2,00,00,00,F7,AF,B7,0F,7F,0F,A5,A5,BB,39D4
1010 DATA A2,00,00,00,F7,5F,F7,BF,AF,5A,5A,5F,3B,A2,00,3240
1020 DATA 00,00,B7,0F,A7,BB,5A,0F,AF,5F,73,76,00,04,51,2641
1030 DATA AF,F7,7F,5F,5F,BF,BF,A2,76,00,04,51,7F,B7,AF,3908
1040 DATA 0F,FF,5F,7B,76,00,06,B7,7B,FF,5A,AF,BF,A2,76,411A
1050 DATA 00,06,F3,F3,2F,0F,5F,7B,76,00,06,51,5B,F3,A7,324D
1060 DATA 5F,0F,FF,F3,76,00,05,A7,F3,FB,A7,0F,0F,0F,FF,39AF
1070 DATA F3,00,00,00,51,E4,0F,BF,AF,76,0F,04,5F,F3,F3,3A33
1080 DATA A2,F2,64,F7,5F,FF,0F,0F,1F,0F,0F,0F,BB,A2,F2,33D3
1090 DATA D9,9D,76,0F,04,1F,AF,5A,1F,73,00,E6,F3,1B,0F,2B27
1100 DATA AF,F0,0F,5F,7F,1F,AF,1B,A2,51,00,F3,AF,F0,A5,40FC
1110 DATA A5,F0,33,3F,73,7B,A2,00,00,00,B7,AF,F0,5A,A5,3881
1120 DATA B3,F3,F3,B3,A2,00,00,00,51,F2,0F,A5,B5,F3,00,3691
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1190 DATA A2,76,00,04,B7,5F,B7,0F,5A,1F,FF,3B,A2,76,00,2DAB
1200 DATA 04,51,BF,F7,FA,A5,FF,3F,F3,76,00,05,F3,7B,7F,4055
1210 DATA 0F,B5,1F,73,A2,76,00,04,51,5B,F3,2F,5F,5F,3B,2A36
1220 DATA F3,76,00,05,A7,F3,FB,0F,A5,3B,F3,FF,F3,00,00,3D14
1230 DATA 00,51,E4,0F,BF,AF,5A,1F,2F,0F,5F,F3,F3,A2,F2,43E4
1240 DATA 64,F7,5F,FF,0F,0F,1F,0F,0F,0F,BB,A2,F2,D9,9D,3B7A
1250 DATA 76,0F,04,1F,AF,5A,1F,73,00,E6,F3,1B,0F,AF,F0,382A
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1280 DATA F3,B3,A2,00,00,00,51,F2,0F,A5,B5,F3,00,00,F3,3667
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1310 DATA 05,A7,F3,FB,F7,0F,0F,0F,FF,F3,00,00,00,51,E4,3265
1320 DATA 0F,BF,AF,76,0F,04,5F,F3,F3,A2,F2,64,F7,5F,FF,4EA9
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1350 DATA 1F,AF,1B,A2,51,51,F3,AF,F1,0F,A5,F0,33,3F,73,3C1A
1360 DATA 7B,A2,00,B7,BF,B7,B7,5A,5A,A5,B3,F3,F3,B3,A2,50C1
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1380 DATA 5F,A2,F7,0F,0F,5F,7F,73,00,00,00,B7,AF,F3,00,2D1B
1390 DATA F7,FA,A5,0F,1F,3B,A2,00,00,51,F3,00,00,F7,5A,2BE4
1400 DATA 5F,5F,5F,3B,A2,76,00,06,B7,0F,5F,0F,7F,33,A2,27CD
1410 DATA 76,00,06,51,FF,A5,2F,BF,73,76,00,07,51,7F,0F,26D1
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1430 DATA 76,00,08,40,C0,C0,76,00,0B,C0,48,C0,C0,00,00,2AC3
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1570 DATA 84,8C,48,84,30,D8,3C,9C,F0,38,C8,C0,80,40,84,3EFC
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1590 DATA 84,0C,4C,34,4C,98,F0,64,C8,4C,48,40,0C,0C,0C,231C
1600 DATA 8C,4C,64,0C,9C,B4,64,0C,98,C0,40,84,C0,18,CC,39AC
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1620 DATA 0C,18,78,38,8C,4C,6C,48,00,C0,84,58,34,8C,84,2F90
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1650 DATA 8C,84,18,C8,C0,00,40,0C,4C,30,C8,84,0C,0C,0C,2028
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1680 DATA 48,00,00,40,94,24,48,C0,C0,18,B4,8C,C0,C0,C0,4278
1690 DATA 00,00,40,0C,E4,0C,C0,C0,4C,64,48,80,40,80,00,2AD8
1700 DATA 00,40,48,0C,48,C0,C0,84,48,48,76,00,06,84,48,26F8
1710 DATA C0,C0,00,C0,48,C0,76,00,06,C0,48,C0,00,00,40,25F0
1720 DATA C0,80,76,00,06,40,C0,76,00,0C,40,C0,80,76,00,26DC
1730 DATA 07,40,C0,48,C0,80,C0,C0,76,00,04,40,C4,CC,C8,3E0D
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1750 DATA 00,00,00,84,D8,48,C0,C0,98,E4,48,80,00,00,84,324C
1760 DATA CC,48,48,84,4C,38,C0,80,00,40,C0,84,0C,8C,C4,3500
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1780 DATA 00,C0,48,84,98,B0,D8,E4,64,C0,80,00,84,8C,C0,42A8
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1820 DATA CC,0C,78,38,0C,C8,80,C0,C0,4C,8C,CC,4C,F0,64,41BC
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1840 DATA C0,D8,64,0C,CC,64,0C,9C,C8,80,40,0C,18,64,84,2D18
1850 DATA 0C,0C,48,4C,48,00,40,C4,4C,8C,48,8C,4C,C8,0C,2CC0
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1900 DATA 00,00,C0,98,48,C0,C0,80,00,00,84,A4,C0,84,E0,3F3C
1910 DATA C0,00,00,C0,8C,8C,98,18,48,00,40,C8,84,38,78,2E20
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1930 DATA 3C,B0,C0,00,40,84,0C,9C,98,E4,4C,80,40,C0,E4,4008
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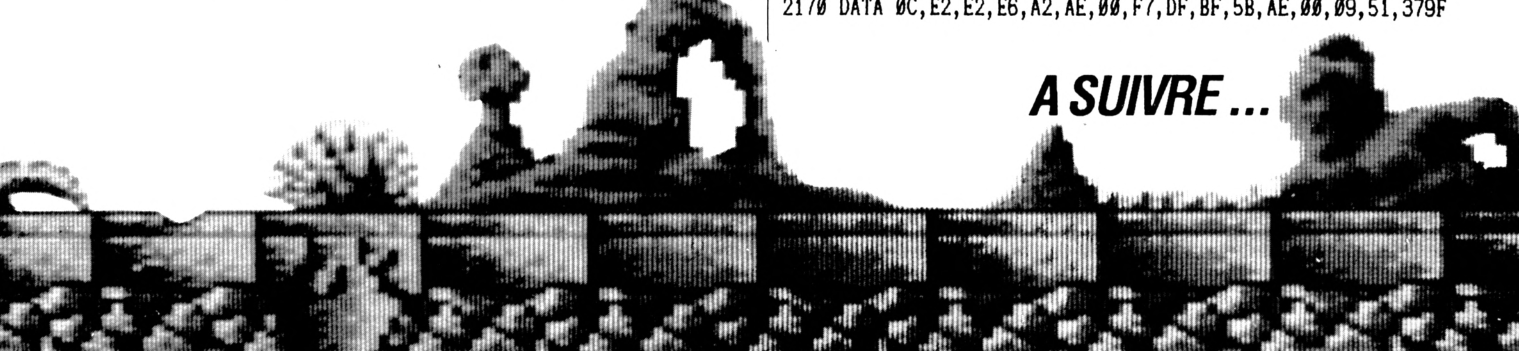
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1990 DATA DØ,18,A4,C8,ØØ,4C,ØC,ØC,8Ø,ØØ,84,9Ø,68,8Ø,ØØ,25BC
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2060 DATA ØØ,ØØ,51,C8,A2,ØØ,ØØ,ØØ,F2,48,A2,ØØ,ØØ,51,E4,2B4F
2070 DATA 84,D1,ØØ,ØØ,51,F3,CØ,D1,ØØ,ØØ,F3,E6,CØ,D1,ØØ,3F9C
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2100 DATA ØØ,51,A6,D1,A2,ØØ,ØØ,ØØ,A6,E2,F3,ØØ,ØØ,51,EØ,33AB
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2290 DATA 71,ØC,F3,F3,F3,E2,D1,CØ,A2,ØØ,F2,F1,F3,A7,5F,535E
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2410 DATA 73,84,CØ,A2,ØØ,ØØ,ØØ,51,48,59,FB,DB,48,D1,76,39DA
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2610 DATA CF,CF,9B,A2,B3,33,6F,CF,CF,9B,A2,B3,33,67,CF,46Ø1
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2780 DATA D8,E4,A2,76,ØØ,Ø4,E6,3Ø,FØ,DD,A2,ØØ,ØØ,ØØ,51,2BØ7
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2800 DATA ØØ,ØØ,A6,D8,FØ,8D,5F,FF,A2,ØØ,ØØ,E6,7Ø,64,5F,3914
2810 DATA 5F,AF,A2,ØØ,51,4C,BØ,ØF,ØF,FF,AF,7B,ØØ,51,98,3164
2820 DATA 75,FF,FF,AF,5F,7B,ØØ,51,98,8D,BF,Ø7,AF,5F,73,37A6
2830 DATA ØØ,51,64,5F,2B,FF,7F,5F,7B,ØØ,A6,64,1F,Ø3,1F,243F
2840 DATA 3F,5F,BF,A2,A6,25,BF,47,EF,17,FF,BA,A2,E6,8D,4B5A
2850 DATA AB,53,7B,Ø3,FF,3A,A2,E6,8D,AB,53,F3,Ø3,FF,64,435Ø
2860 DATA A2,E6,ØF,AB,53,F3,Ø3,BF,64,A2,F7,ØF,1F,47,E7,3ACC
2870 DATA 17,1A,24,A2,B7,ØF,1F,47,E7,17,5A,8C,A2,51,8D,329B
2880 DATA 5F,2B,8B,7F,7Ø,D9,ØØ,51,8D,ØF,BF,17,AF,7Ø,D9,38AE
2890 DATA ØØ,51,8D,ØF,5F,AF,ØF,7Ø,D9,ØØ,51,64,ØF,ØF,5F,2355
2900 DATA 1A,FØ,59,ØØ,ØØ,B2,ØF,ØF,5F,4E,BØ,A2,ØØ,ØØ,B2,28ØB
2910 DATA 25,5F,5F,EE,A4,A2,ØØ,ØØ,51,3Ø,ØF,FF,7Ø,F1,ØØ,3ØE8
2920 DATA ØØ,ØØ,51,98,3Ø,BA,D8,59,76,ØØ,Ø4,E6,98,3Ø,CC,36B5
2930 DATA A2,76,ØØ,Ø4,A6,98,64,8C,A2,76,ØØ,Ø4,51,E6,8C,32EB
2940 DATA F3,76,ØØ,Ø6,51,F3,76,ØØ,Ø8,F3,A2,76,ØØ,Ø6,F3,314D
2950 DATA FC,F9,A2,76,ØØ,Ø4,51,FC,E9,FC,F9,76,ØØ,Ø4,51,3816
2960 DATA FC,C3,E9,F9,76,ØØ,Ø4,F6,E9,F8,D2,FC,A2,ØØ,ØØ,422C
2970 DATA ØØ,F6,C3,C3,E1,D6,A2,ØØ,ØØ,51,E9,E1,FØ,D2,E1,51AC
2980 DATA F9,ØØ,ØØ,51,E9,FØ,ØF,AF,C3,F9,ØØ,ØØ,F6,D2,A5,4485
2990 DATA ØF,5F,FØ,D6,A2,ØØ,F6,D2,FF,FF,FF,5A,C3,A2,ØØ,4C46
3000 DATA E3,F5,5F,2B,5F,5A,F4,A2,ØØ,F2,A5,BF,57,BF,AF,46E6
3010 DATA FØ,A2,51,FØ,ØF,2B,Ø7,3F,2F,EB,F9,51,FA,5F,2B,381A
3020 DATA DF,8B,7F,FA,D3,51,87,ØF,Ø3,B7,A3,57,AF,D3,51,3DØA
3030 DATA D2,5F,Ø3,F3,A3,Ø7,ØF,F1,51,F8,5F,Ø3,F3,A3,57,3BCB
3040 DATA 5F,D3,51,F8,ØF,2B,DB,8B,2F,FA,D3,51,E9,5A,2B,3EØ8
3050 DATA DB,8B,2F,E1,F9,ØØ,F6,A5,BF,47,17,AF,FA,A2,ØØ,3EFD
3060 DATA F6,FØ,5F,2B,7F,ØF,E1,A2,ØØ,F6,D2,A5,FF,ØF,FØ,48DE
3070 DATA E1,A2,ØØ,F6,C3,E1,A5,AF,D2,D6,A2,ØØ,51,E9,D2,4CEA
3080 DATA FØ,A5,E1,D3,ØØ,ØØ,51,FC,C3,E1,FØ,D6,F9,ØØ,ØØ,42E2
3090 DATA ØØ,F6,D2,D2,C3,FC,A2,ØØ,ØØ,ØØ,F6,E9,E9,D6,D6,4F6Ø
3100 DATA A2,ØØ,ØØ,ØØ,51,FC,C3,FC,F9,76,ØØ,Ø4,51,FC,FC,438A
3110 DATA FC,F9,76,ØØ,Ø5,F3,FC,F9,A2,76,ØØ,Ø6,F3,A2,ØØ,389Ø
3120 DATA ØØ,ØØ,ØØ,ØØ,ØØ,ØØ,ØØ,ØØ,ØØ,ØØ,ØØ,ØØ,ØØ,ØØ,ØØ,ØØØØ
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DAT3 - BAS

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10 ' DATAS du PROG 3
20 ' Xyphoes Fantasy
30 ' (c) SILMARILS 1991
40 ON ERROR GOTO 100
50 MODE 2:AD=&C000:NL=110
60 FOR A=1 TO 417:B=0:FOR C=1 TO 15:READ A$
70 POKE AD,VAL("&"+A$):B=B+(PEEK(AD)*c):AD=AD+1
80 NEXT:READ E$:IF VAL("&"+E$)<>B THEN 100
90 NL=NL+10:NEXT:SAVE"3",B,&C000,&1863:CLS:END
100 CLS:PRINT"DATA"C;"LIGNE"NL;" INCORRECT":END
110 DATA 21,23,60,46,48,E5,CD,38,BC,E1,23,7E,E5,CD,0E,3F38
120 DATA BC,E1,AF,23,46,48,E5,F5,CD,32,BC,F1,E1,3C,FE,5030
130 DATA 10,20,F1,18,12,00,00,00,00,00,00,00,00,00,00,03DD
140 DATA 00,00,00,00,00,00,00,00,21,B8,60,11,00,C0,3A,1B2B
150 DATA CF,FF,3C,32,D0,FF,AF,32,88,60,32,54,60,7E,FE,3DF0
160 DATA AE,28,0C,12,CD,84,60,23,3E,00,FE,19,20,F0,C9,3506
170 DATA 23,7E,32,69,60,32,78,60,23,AF,B6,28,0C,4E,3E,26F2
180 DATA 00,12,CD,84,60,0D,20,F9,18,DF,23,4E,23,46,3E,2765
190 DATA 00,12,CD,84,60,0B,78,B1,20,F5,18,CE,EB,F5,D5,4ABF
200 DATA 3E,00,3C,FE,50,20,20,AF,11,B1,07,19,30,12,11,1AF9
210 DATA 50,C0,19,32,88,60,3A,54,60,3C,32,54,60,D1,F1,363C
220 DATA EB,C9,32,88,60,D1,F1,EB,C9,32,88,60,23,D1,F1,4899
230 DATA EB,C9,CF,FF,00,00,F3,A2,AE,00,12,51,F3,77,73,38E1
240 DATA A2,51,F3,A2,AE,00,0E,A7,33,BF,3B,DB,E7,CF,DB,4995
250 DATA AE,F3,05,AE,00,09,F3,1B,BF,33,3B,33,AE,CF,07,2F41
260 DATA A2,AE,00,04,E7,CF,CF,37,B3,7F,5F,73,00,51,DB,38C9
270 DATA AE,00,05,51,F3,51,CF,33,CF,6F,9F,2F,0F,7B,00,2C0A
280 DATA B7,A2,AE,00,04,F3,B3,BB,F3,67,37,67,7B,37,7F,38FC
290 DATA 5F,6F,F3,9B,A2,00,00,00,51,1B,77,3F,33,3F,9F,24FE
300 DATA 3B,7B,37,BB,5F,3F,3F,73,AE,00,04,51,A7,77,3B,29F0
310 DATA 9F,00,51,A5,1A,4E,F9,98,68,70,F2,A5,A2,AE,00,3DF3
320 DATA 09,51,85,8D,F1,98,F9,70,90,F2,2D,A2,AE,00,0A,3879
330 DATA F2,F2,F3,EC,D9,F0,60,94,5B,AE,00,0A,51,E0,5B,3AA5
340 DATA 38,B6,71,3C,F1,25,A2,AE,00,09,F9,51,F3,C0,C0,4448
350 DATA A2,AE,00,05,B6,A2,00,B2,F3,D9,F1,CC,D9,E2,90,53BD
360 DATA 34,30,D1,AE,00,05,B6,A2,51,B8,E6,F3,E6,64,E2,4D9A
370 DATA 90,3C,3C,3C,68,A2,AE,00,04,B6,A2,00,F3,5A,D9,3972
380 DATA B8,74,B2,AE,3C,04,38,A2,AE,00,04,B2,A2,00,00,2526
390 DATA F2,71,F6,D9,94,3C,3C,3C,00,00,F3,51,F3,AE,00,3402
400 DATA 08,51,F3,AE,00,0D,E2,D1,AE,00,06,F3,AE,00,05,2E24
410 DATA 51,D4,D1,AE,00,06,E6,A2,AE,00,04,51,EC,A2,AE,3BC2
420 DATA 00,06,F2,71,A2,00,00,00,E2,DC,A2,AE,00,FD,51,3A0D
430 DATA BF,3F,DB,3F,37,3F,67,33,CF,33,3F,3B,DB,F3,A2,3C65
440 DATA AE,00,06,51,7F,3F,37,3F,37,3F,6F,3F,67,3F,7F,25AE
450 DATA 1F,BF,3B,DB,A2,AE,00,05,F7,3F,BB,B3,3B,3F,3B,3298
460 DATA 3B,6F,3B,3F,AF,0F,3F,3F,3B,DB,A2,AE,00,04,7F,2BA4
470 DATA 77,BB,F7,3F,3F,3B,3B,67,DB,9B,EF,BF,FF,3B,DB,4B3C
480 DATA AE,00,05,F7,3F,6F,B7,7B,3F,3B,E7,B7,FB,3B,DB,451B
490 DATA F3,A2,AE,00,05,B7,BF,3B,37,67,7F,3B,DB,CF,6F,3AD5
500 DATA F3,A2,AE,00,06,51,BF,7F,73,77,BF,37,BF,67,F3,4082
510 DATA 33,A2,AE,00,07,15,BB,FF,73,FF,7F,B3,7F,3B,00,36BE
520 DATA 51,0F,F1,64,B2,D9,34,F1,30,A2,AE,00,0A,51,F0,38D4
530 DATA F3,D9,F3,F3,B6,71,F3,AE,00,0C,F3,00,E2,C0,D1,48B5
540 DATA 90,D1,AE,00,0E,51,C0,C0,E2,78,F3,AE,00,0B,3C,3501
550 DATA B4,D1,AE,00,04,B2,A2,00,00,B2,F1,B8,D9,34,AE,3F0C
560 DATA 3C,04,B4,71,AE,00,04,E2,A2,51,E2,D0,B0,D9,D9,4C8D
570 DATA 3C,3C,70,3C,78,5A,79,00,00,00,51,71,00,51,D1,242B
580 DATA 1A,A5,F6,D9,34,B4,D0,B4,2D,0F,E0,A2,00,00,51,3058
590 DATA D1,00,40,0F,A5,5E,30,F9,34,3C,94,F0,78,5A,B4,3BAA
600 DATA 71,00,E6,1A,A2,00,00,00,F6,C8,A2,AE,00,06,51,2B5C
610 DATA 71,5B,00,00,00,E6,71,AE,00,07,51,DC,F3,A2,A2,3BD4
620 DATA 00,E6,71,AE,00,07,51,EC,E8,F3,7B,51,90,71,AE,4203
630 DATA 00,07,51,64,B7,A7,FB,51,B8,60,A2,AE,00,06,51,31DC
640 DATA B2,B7,5F,AE,00,F0,3B,3F,7B,3F,37,7F,5F,67,E7,3642
650 DATA 37,3B,DB,AE,00,04,B7,33,3B,B7,FF,3F,6F,3F,6F,335F
660 DATA 9F,3F,9F,5F,3F,73,F3,B7,67,A2,00,00,00,B3,73,2F3A
670 DATA 33,B3,BF,BF,73,3F,67,B7,BF,E7,37,3F,6F,A2,51,3B60
680 DATA B7,DB,00,00,00,B3,A2,F3,51,7F,67,B3,3B,DB,FF,452F
690 DATA FF,DB,CF,33,3B,A2,00,51,7B,00,DB,9F,A2,AE,00,3457
700 DATA 07,51,3B,37,73,2F,BF,EF,77,3F,73,DF,DB,AE,00,3CED
710 DATA 07,51,33,B3,73,73,A7,7F,E7,77,E7,37,73,AE,00,3A29
720 DATA 07,51,73,51,A2,A2,51,B7,FF,F3,7F,37,67,A2,AE,44F2
730 DATA 00,07,A2,AE,00,04,51,F3,F3,7F,F3,CF,A2,00,00,3873
740 DATA 00,E2,D1,F3,B2,38,A2,AE,00,0E,E2,A2,51,94,60,3A5A
750 DATA A2,AE,00,0E,F3,00,E2,38,D1,AE,00,10,F3,90,60,379F
760 DATA A2,AE,00,0E,B2,A2,00,F2,0F,0F,5B,98,B6,90,3C,31D4
770 DATA F2,78,B4,5A,3C,94,F3,F3,68,A2,00,F2,0F,25,DC,3D48
780 DATA E6,B4,B2,3C,A7,5A,38,B0,68,E2,34,38,D1,00,00,2DB0
790 DATA E2,4E,5A,E6,71,78,E2,3C,A7,2D,38,3C,71,F3,90,3B87
800 DATA D1,A2,00,00,51,F1,F1,F6,F3,0F,79,3C,D1,5B,E2,4590
810 DATA 3C,D1,00,F3,A2,00,00,A2,51,98,74,A2,AE,00,06,2C71
820 DATA 51,F3,B7,7B,00,51,98,DC,A2,AE,00,06,E2,D9,51,3C13
830 DATA A2,00,51,B8,64,A2,AE,00,05,51,D4,D9,00,00,00,2596
840 DATA 51,C4,64,A2,AE,00,04,51,E2,D4,D9,AE,00,04,E6,3AFE
850 DATA 30,A2,00,00,00,F3,E2,D4,90,74,A2,00,00,00,E6,31FC
860 DATA 30,A2,AE,00,F2,51,00,00,00,1F,DB,37,6F,F7,BF,35A7
870 DATA FF,EF,E7,9F,7F,A2,00,51,33,A2,AE,00,05,51,73,2BE2
880 DATA 37,3F,73,3F,2F,1F,FB,F3,CF,FF,73,A2,00,E7,73,4449
890 DATA AE,00,05,51,B3,6F,CF,B7,2F,0F,F3,F3,CF,E7,77,49AB
900 DATA BB,DB,A2,51,7B,AE,00,05,E7,E7,3B,F3,F3,0F,F3,46B6
910 DATA AE,00,0F,E7,F3,5B,67,F3,AE,00,0E,E7,A2,F3,9F,4622
920 DATA DB,AE,00,0E,51,DB,00,E7,67,A2,AE,00,0D,51,DB,33B7
930 DATA 00,51,7F,A2,AE,00,07,51,B6,F0,D1,AE,00,10,51,314E
940 DATA B4,E0,A2,AE,00,10,51,F3,F3,AE,00,23,F2,85,A2,3F4A
950 DATA F3,51,B2,79,94,D1,E2,E2,3C,A2,AE,00,06,A7,5A,3937
960 DATA A2,00,00,F3,F3,94,71,51,D1,30,A2,AE,00,06,F2,391D
970 DATA F1,00,00,00,51,D1,B2,68,51,D1,34,F3,AE,00,06,315D
980 DATA 51,A2,00,00,00,51,D1,40,38,A2,F3,94,60,A2,AE,3CCD
990 DATA 00,0A,51,D4,FC,C4,EC,64,F9,00,00,00,F6,98,D1,413D
1000 DATA 00,00,E2,EC,CC,B8,FC,E6,D9,00,00,00,E2,CC,60,4099
1010 DATA A2,51,DC,CC,EC,B8,D9,D1,D9,00,00,00,51,C4,CC,3ED5
1020 DATA D1,E2,C0,DC,B2,98,F9,D1,F9,AE,00,04,E2,EC,CC,50B9
1030 DATA E8,D1,C8,D4,30,F3,D1,A2,AE,00,04,51,E2,FC,D1,4932
1040 DATA D1,E8,D1,AE,00,F0,E7,DB,9B,3F,3B,DB,51,67,A2,4288
1050 DATA AE,00,04,E7,DB,3F,A2,00,F3,00,00,00,51,CF,E7,3408
1060 DATA 9B,BF,67,A2,B3,A2,AE,00,04,E7,DB,9F,DB,AE,00,408D
1070 DATA 06,F3,DB,F3,9B,3B,A2,B7,DB,AE,00,04,51,DB,A7,3F67
1080 DATA DB,AE,00,07,F3,CF,F3,B7,73,51,73,AE,00,04,51,318E
1090 DATA AE,00,09,E7,DB,00,51,BF,A2,AE,00,0D,E7,CF,A2,3E80
1100 DATA 51,1F,A2,AE,00,0D,F3,F3,A2,00,F3,AE,00,16,51,31F6
1110 DATA AE,00,05,F3,AE,00,13,51,EC,A2,AE,00,12,F3,74,3616
1120 DATA A2,AE,00,11,51,94,EC,F9,AE,00,0A,51,F3,AE,00,35BE
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1130 DATA 05,51,D1,51,70,A2,E2,E2,38,A2,AE,00,0B,F3,A2,3EB5
1140 DATA 94,D1,51,F3,B2,D1,AE,00,0B,E2,A2,A7,79,00,E2,3F7B
1150 DATA B6,71,AE,00,0B,51,A2,51,A2,51,C0,B6,D1,AE,00,3A7A
1160 DATA 0C,D9,00,A2,AE,00,06,51,F3,F3,D1,C4,D1,A2,AE,4C3D
1170 DATA 00,0A,51,D1,F6,71,AE,00,0C,E2,E2,D9,AE,00,0C,372D
1180 DATA E2,F3,DC,A2,AE,00,0B,51,D1,E6,D1,AE,00,F4,CF,4910
1190 DATA F3,A2,AE,00,08,E7,DB,51,7B,00,E7,A2,AE,00,04,3142
1200 DATA E7,A2,AE,00,09,51,CF,A2,F7,A2,B3,A2,AE,00,04,385F
1210 DATA 51,AE,00,0B,E7,DB,B7,A2,51,AE,00,11,51,CF,AE,39A1
1220 DATA 00,0C,E7,A2,AE,00,0F,51,37,73,AE,00,0F,51,73,2581
1230 DATA 7B,AE,00,0F,51,7B,7B,AE,00,0D,51,B2,68,F3,A2,37BC
1240 DATA AE,00,0A,E2,60,A2,00,00,00,E2,68,F3,AE,00,0B,2C2B
1250 DATA 51,90,38,D1,00,00,51,D0,D1,AE,00,0C,51,94,B4,338A
1260 DATA 60,F3,F3,B6,60,A2,AE,00,05,51,51,51,AE,00,04,2615
1270 DATA B2,3C,00,00,00,51,D1,38,A2,AE,00,0F,E2,D1,5A,33E7
1280 DATA A2,AE,00,0F,E2,D1,F3,AE,00,0B,51,F3,A2,AE,00,38AA
1290 DATA 04,51,A2,AE,00,08,F3,E2,FC,D1,A2,AE,00,0A,51,3898
1300 DATA F3,51,F3,AE,00,10,F3,AE,00,06,F3,A2,AE,00,07,2F1F
1310 DATA E6,A2,AE,00,04,51,D4,A2,AE,00,07,F2,71,A2,00,3166
1320 DATA 00,00,F6,DC,A2,AE,00,07,E6,1A,A2,AE,00,F2,F3,4179
1330 DATA A2,AE,00,13,F3,AE,00,0F,F3,F3,F3,AE,00,0D,51,35AC
1340 DATA F3,9B,3F,3B,F3,AE,00,0B,51,E7,37,3B,DB,E7,3B,3933
1350 DATA F3,AE,00,05,51,A2,E7,A2,AE,00,10,B3,A2,AE,00,3415
1360 DATA 10,B3,A2,AE,00,08,F3,F3,AE,00,06,B7,A2,AE,00,3533
1370 DATA 06,51,F3,CF,CF,A2,AE,00,05,B7,A2,00,A5,38,C0,3850
1380 DATA 90,38,D1,AE,00,05,51,F6,E6,F6,F3,00,00,00,B6,36FD
1390 DATA 3C,0F,1E,3C,3C,D1,A2,AE,00,05,F6,B2,EC,98,F6,4766
1400 DATA A2,00,51,94,3C,A5,B4,3C,60,A2,AE,00,06,E6,98,36B3
1410 DATA 64,EC,EC,A2,00,51,34,38,A5,38,D1,F3,AE,00,06,3226
1420 DATA 51,B8,EC,74,B2,D9,00,51,D9,AE,00,06,51,F3,D4,3DF5
1430 DATA CC,64,DC,D1,F3,A2,00,51,B0,F3,AE,00,05,E2,EC,4418
1440 DATA 64,98,30,64,CC,C0,D1,A2,51,8D,71,AE,00,04,51,314C
1450 DATA D4,CC,DC,D1,F3,F3,CC,D4,DC,D1,A2,B2,A7,A2,00,4F74
1460 DATA 00,00,E2,B8,74,D1,A2,00,F6,74,EC,DC,C0,D1,E6,5568
1470 DATA F9,F3,51,00,00,F6,51,C4,D9,AE,00,08,51,71,5B,305A
1480 DATA 00,00,51,EC,71,AE,00,08,51,DC,F3,A2,A2,51,B8,4016
1490 DATA 71,AE,00,08,51,EC,E8,F3,7B,51,98,71,AE,00,08,3399
1500 DATA 51,64,B7,A7,FB,51,98,D9,AE,00,08,51,B2,B7,5F,3A76
1510 DATA A2,AE,00,F8,E7,77,3F,F3,A2,51,E7,3B,A2,AE,00,3DC7
1520 DATA 08,51,9B,2F,BF,DB,00,51,F3,F7,73,AE,00,08,E7,3BDF
1530 DATA 9F,0F,5F,73,00,E7,DB,51,9B,A2,AE,00,07,B3,9F,384C
1540 DATA AF,BF,FB,00,B3,67,A2,E7,A2,AE,00,06,51,9B,AE,3A3C
1550 DATA 00,04,51,E7,9B,67,CF,DB,AE,00,05,B7,A2,AE,00,3730
1560 DATA 04,51,E7,CF,CF,3B,9F,6F,A2,AE,00,04,B7,A2,00,32AA
1570 DATA 00,F3,A2,E7,CF,33,CF,3F,37,3B,A2,AE,00,04,B3,3256
1580 DATA A2,51,F3,77,73,33,67,3B,6F,3F,3F,BF,DB,AE,00,34BC
1590 DATA 04,B3,A2,A7,33,BF,3B,33,6F,6F,3B,3F,00,E2,3C,2C34
1600 DATA 68,78,38,A2,AE,00,08,B2,71,D9,71,71,00,00,E2,318E
1610 DATA 3C,68,38,3C,D1,AE,00,07,51,F9,B8,B2,5B,71,A2,3C23
1620 DATA 00,B2,3C,79,38,B0,D1,AE,00,07,51,B8,DC,A7,F1,4329
1630 DATA DC,F9,51,94,3C,F1,60,68,60,A2,AE,00,07,B2,F3,3C45
1640 DATA 98,C8,A2,00,F3,F6,64,EC,EC,D4,C0,F6,DC,D1,B7,5E5C
1650 DATA A2,51,D4,30,D1,00,51,D1,D1,DC,CC,C0,B8,C0,B2,514F
1660 DATA D9,7B,5F,A2,51,EC,74,A2,00,F3,F3,B2,60,DC,F6,5066
1670 DATA 98,D4,F3,71,2F,FB,00,51,FC,D1,00,00,F6,EC,30,3D6E
1680 DATA C8,E8,E2,64,C4,F3,F3,3F,A2,00,51,E8,A2,00,00,3538
1690 DATA E6,B2,CC,E8,C0,51,98,D9,AE,00,08,F3,F3,B7,7B,484C
1700 DATA 00,51,CC,71,AE,00,07,51,C4,A2,F3,A2,00,51,CC,3A8C
1710 DATA 71,AE,00,07,E2,EC,F3,F9,00,00,51,B8,71,AE,00,35A4
1720 DATA 06,F3,C0,EC,74,D9,00,00,51,EC,D9,AE,00,04,51,31B9
1730 DATA F3,C0,C0,30,CC,A2,AE,00,F2,DF,AF,BF,BB,F3,BF,55A8
1740 DATA 3B,DB,51,A2,AE,00,06,E7,37,9F,FF,3B,7F,FF,3F,3E28
1750 DATA 3F,67,A2,AE,00,06,51,CF,3F,33,3F,3B,7F,37,67,27AA
1760 DATA F3,F7,A2,AE,00,05,51,F3,CF,3F,67,BF,67,3F,37,3470
1770 DATA DB,00,F7,FB,AE,00,05,F3,9B,67,7F,BB,FF,CF,3B,4639
1780 DATA 9B,E7,A2,51,3F,BF,73,AE,00,04,E7,A2,F3,1B,BF,3E8C
1790 DATA 33,6F,3B,6F,7F,3F,7F,5F,7B,00,00,00,51,73,00,1C9E
1800 DATA 51,BF,3F,DB,7B,3F,33,DF,BF,2F,0F,EF,A2,00,00,2ED6
1810 DATA 51,DB,00,51,7F,3F,37,7B,9F,9F,9F,FF,7F,5F,BF,4205
1820 DATA 73,00,00,B3,A2,00,F7,3F,BB,B3,3F,CF,9F,F7,7F,4622
1830 DATA BF,5F,3F,9F,F3,F3,6F,A2,D9,F1,CC,D9,F3,34,3C,4DEE
1840 DATA F1,C0,38,38,A2,AE,00,06,51,B8,E6,F3,E6,64,F3,4A19
1850 DATA 90,3C,F0,F0,E2,68,78,A2,AE,00,07,F3,5A,D9,B8,43D1
1860 DATA 74,B2,34,3C,78,78,E2,71,F2,D1,AE,00,08,F2,71,3EAB
1870 DATA F6,D9,90,3C,38,F0,F1,D1,E2,B6,71,AE,00,05,F3,43B3
1880 DATA D4,B8,A2,00,F3,00,00,51,D1,00,00,00,F3,F3,D4,38D7
1890 DATA C0,F3,00,F3,C4,F9,AE,00,04,51,A2,AE,00,05,F3,35CD
1900 DATA F3,00,00,00,E2,F9,AE,00,10,51,D9,AE,00,10,51,2AC9
1910 DATA EC,A2,00,00,00,51,C4,C8,A2,00,00,00,E2,FC,E8,3C3E
1920 DATA E8,98,F9,AE,00,04,E6,74,A2,00,00,51,D4,CC,C8,3CDF
1930 DATA 74,F9,A2,AE,00,04,F6,CC,A2,00,00,F6,EC,DC,C8,492C
1940 DATA 64,A2,AE,00,05,E2,98,F9,A2,51,C4,D4,71,74,74,4320
1950 DATA A2,AE,00,05,51,CC,DC,D1,F6,DC,E2,E8,FC,71,AE,57FB
1960 DATA 00,F5,7B,00,00,00,51,F3,73,37,67,7F,FF,7F,F3,3FDE
1970 DATA 9B,CF,E7,DB,00,F3,00,00,F3,B3,BB,E7,3F,3B,FF,45D0
1980 DATA BF,5B,CF,F3,F3,E7,DB,00,00,00,51,1B,77,3F,37,2949
1990 DATA 3F,BB,FF,2F,F3,CF,DB,00,51,DB,00,00,00,51,A7,2EA2
2000 DATA 77,3B,33,BF,7F,FF,5B,00,F3,A2,00,00,A2,AE,00,3011
2010 DATA 04,F7,3F,6F,E7,BF,00,7F,77,BB,F7,BF,E7,9F,A7,4EA4
2020 DATA 5F,3B,BB,6F,E7,37,3B,DB,00,00,B7,33,3B,B7,7F,31B7
2030 DATA E7,37,A7,2F,3B,3F,73,F3,9B,DB,A2,00,00,B3,73,36E2
2040 DATA 33,B3,0F,7B,3F,DB,5B,E7,3F,DB,00,F3,A2,00,00,3227
2050 DATA 00,B3,A2,F3,51,B3,7B,9F,DB,E7,E7,3F,A2,AE,00,448C
2060 DATA 06,51,00,00,00,F3,F3,9F,00,00,00,B2,F1,B8,D9,3D53
2070 DATA 34,3C,68,B4,5B,E2,C0,B2,F1,AE,00,06,51,E2,D0,42CD
2080 DATA B0,D9,D9,38,78,79,3C,79,F3,C0,E2,79,AE,00,06,3904
2090 DATA 51,D1,1A,A5,F6,D9,38,F0,E0,F2,5B,51,E2,F3,71,502D
2100 DATA AE,00,06,40,0F,A5,5E,30,BC,90,F0,3C,D1,5B,00,32EE
2110 DATA E2,F3,D0,A2,AE,00,0D,F3,AE,00,06,51,F3,A2,AE,3CAA
2120 DATA 00,0A,51,E2,FC,D1,AE,00,0A,E2,EC,30,D9,AE,00,3D3E
2130 DATA 09,51,C4,98,64,60,A2,AE,00,08,51,B8,DC,C0,EC,4354
2140 DATA A2,00,51,B8,98,30,CC,E8,F6,D4,E6,A2,AE,00,07,4108
2150 DATA F6,CC,64,E8,E2,B2,C0,F3,AE,00,08,51,D4,DC,F3,4C13
2160 DATA E2,B8,C8,A2,AE,00,09,F3,F3,51,C0,B2,F9,AE,00,44E5
2170 DATA 0C,E2,E2,E6,A2,AE,00,F7,DF,BF,5B,AE,00,09,51,379F
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A SUIVRE ...



ABONNEZ-VOUS !



Vous désirez recevoir CPC Infos directement chez vous et être certain de l'avoir à disposition.

11 numéros
253 F
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- ***Les abonnements ne sont pas rétroactifs***
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MEGA 30 FF
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réf : SRCPIN01



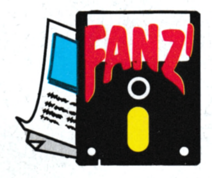
Nouvelle série
F•DX•F 35FF
+ port 4FF
réf : SRCPIN02

PC 30FF
+ port 4 FF
réf : SRCPIN03





ATTENTION, pour des raisons techniques d'impression, les couleurs des pin's sont légèrement différentes.





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réf : SRC5PIN

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+ port 4FF
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CPC 30 FF
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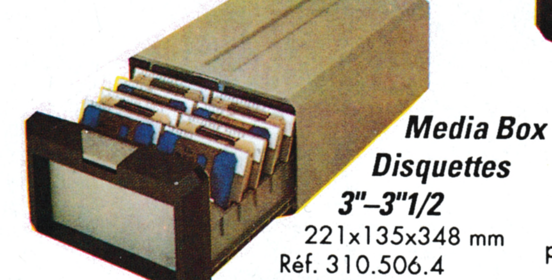
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182x178x348 mm
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180 F + port
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